

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032083.D
 Acq On : 14 Aug 2025 10:58
 Operator : SY/MD
 Sample : VW0814SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Quant Time: Aug 18 03:48:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.959	168	218109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	379951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	343089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	177605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147653	46.808	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.620%
35) Dibromofluoromethane	7.898	113	124076	50.548	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	101.100%
50) Toluene-d8	10.325	98	454977	50.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.617	95	166018	49.621	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	33288	21.339	ug/l	95
3) Chloromethane	2.253	50	37450	17.822	ug/l	98
4) Vinyl Chloride	2.399	62	50061	19.695	ug/l	96
5) Bromomethane	2.814	94	42218	22.140	ug/l	94
6) Chloroethane	2.966	64	34212	20.341	ug/l	100
7) Trichlorofluoromethane	3.301	101	39414	19.357	ug/l	97
8) Diethyl Ether	3.716	74	31376	18.808	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	53669	22.341	ug/l	98
10) Methyl Iodide	4.307	142	67253	19.745	ug/l	98
11) Tert butyl alcohol	5.216	59	16282	79.711	ug/l	95
12) 1,1-Dichloroethene	4.076	96	55246	20.886	ug/l	94
13) Acrolein	3.929	56	22386	68.782	ug/l	99
14) Allyl chloride	4.698	41	64273	16.695	ug/l	88
15) Acrylonitrile	5.399	53	65441	82.359	ug/l	98
16) Acetone	4.155	43	86139	117.944	ug/l	98
17) Carbon Disulfide	4.423	76	123061	17.333	ug/l	98
18) Methyl Acetate	4.704	43	36534	15.808	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	82841	17.775	ug/l	96
20) Methylene Chloride	4.948	84	58381	17.289	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	51769	18.442	ug/l	95
22) Diisopropyl ether	6.338	45	141639	17.452	ug/l	92
23) Vinyl Acetate	6.277	43	481360	90.338	ug/l	99
24) 1,1-Dichloroethane	6.240	63	94906	18.303	ug/l	98
25) 2-Butanone	7.191	43	95473	91.978	ug/l	95
26) 2,2-Dichloropropane	7.185	77	49013	18.841	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	61895	18.864	ug/l	94
28) Bromochloromethane	7.526	49	43111	18.270	ug/l	97
29) Tetrahydrofuran	7.551	42	56439	82.447	ug/l	99
30) Chloroform	7.691	83	105761	19.239	ug/l	97
31) Cyclohexane	7.965	56	78359	17.431	ug/l	92
32) 1,1,1-Trichloroethane	7.886	97	77562	19.425	ug/l	98
36) 1,1-Dichloropropene	8.093	75	69861	20.189	ug/l	99
37) Ethyl Acetate	7.276	43	39212	19.240	ug/l	97
38) Carbon Tetrachloride	8.075	117	71526	21.419	ug/l	97
39) Methylcyclohexane	9.343	83	81832	19.402	ug/l	98
40) Benzene	8.337	78	214937	19.983	ug/l	96

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Quant Time: Aug 18 03:48:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	21151	18.301	ug/l #	93
42) 1,2-Dichloroethane	8.410	62	70737	20.552	ug/l	100
43) Isopropyl Acetate	8.435	43	69002	18.403	ug/l	99
44) Trichloroethene	9.099	130	53394	20.845	ug/l	99
45) 1,2-Dichloropropane	9.374	63	50638	19.487	ug/l	100
46) Dibromomethane	9.465	93	34565	20.610	ug/l	99
47) Bromodichloromethane	9.648	83	79691	20.621	ug/l	100
48) Methyl methacrylate	9.441	41	32521	17.966	ug/l #	92
49) 1,4-Dioxane	9.459	88	8402	387.463	ug/l #	83
51) 4-Methyl-2-Pentanone	10.215	43	205106	96.913	ug/l	95
52) Toluene	10.386	92	137378	20.277	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	69323	19.147	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	79480	19.350	ug/l	92
55) 1,1,2-Trichloroethane	10.788	97	44575	20.001	ug/l	93
56) Ethyl methacrylate	10.648	69	53600	17.973	ug/l #	92
57) 1,3-Dichloropropane	10.934	76	73958	19.038	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	147647	89.504	ug/l	99
59) 2-Hexanone	10.971	43	142726	97.375	ug/l	96
60) Dibromochloromethane	11.129	129	53091	20.855	ug/l	99
61) 1,2-Dibromoethane	11.233	107	43311	19.998	ug/l	98
64) Tetrachloroethene	10.861	164	43709	22.056	ug/l	97
65) Chlorobenzene	11.654	112	155926	20.880	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.727	131	49815	21.380	ug/l	97
67) Ethyl Benzene	11.727	91	256167	20.251	ug/l	93
68) m/p-Xylenes	11.837	106	207846	42.582	ug/l	97
69) o-Xylene	12.160	106	95460	21.160	ug/l	93
70) Styrene	12.178	104	163976	20.463	ug/l	99
71) Bromoform	12.349	173	28712	21.543	ug/l #	100
73) Isopropylbenzene	12.458	105	238599	19.223	ug/l	99
74) N-amyl acetate	12.269	43	63466	17.822	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	55872	18.959	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	67951	28.190	ug/l	57
77) Bromobenzene	12.745	156	60209	20.310	ug/l	89
78) n-propylbenzene	12.800	91	302042	19.766	ug/l	99
79) 2-Chlorotoluene	12.885	91	177356	18.805	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	205070	19.461	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	14854	15.953	ug/l	88
82) 4-Chlorotoluene	12.983	91	187599	18.722	ug/l	96
83) tert-Butylbenzene	13.202	119	170175	19.459	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	212657	19.825	ug/l	99
85) sec-Butylbenzene	13.379	105	258452	19.547	ug/l	98
86) p-Isopropyltoluene	13.495	119	220215	19.978	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	125068	21.202	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	119783	20.094	ug/l	99
89) n-Butylbenzene	13.818	91	207148	19.344	ug/l	99
90) Hexachloroethane	14.086	117	39591	19.640	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	108294	20.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9069	17.310	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	66171	20.701	ug/l	94
94) Hexachlorobutadiene	15.226	225	30219	21.148	ug/l	96
95) Naphthalene	15.360	128	146617	18.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	59840	20.574	ug/l	96

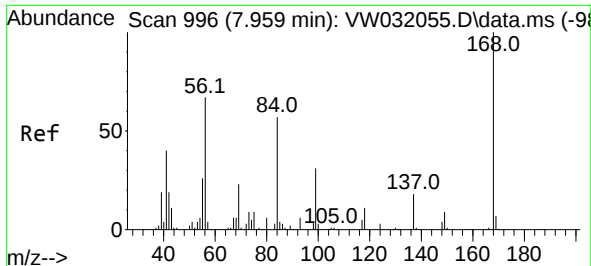
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032083.D
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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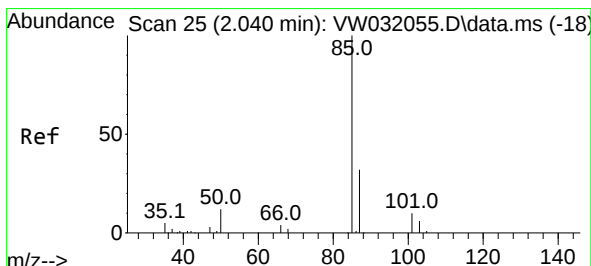
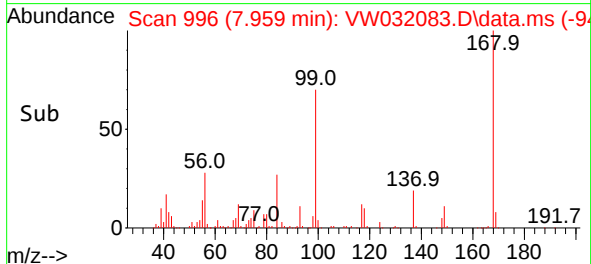
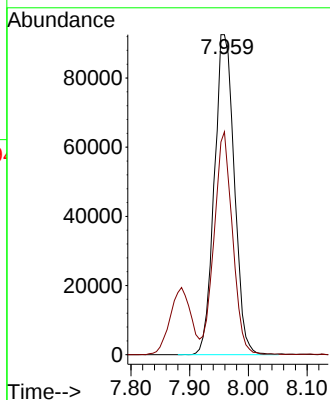
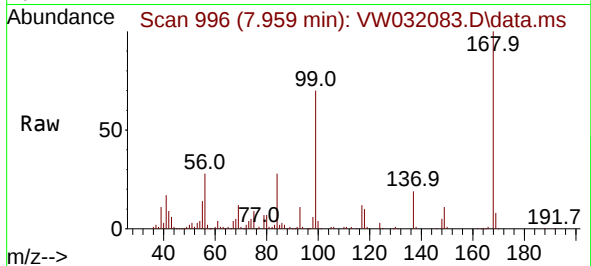
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

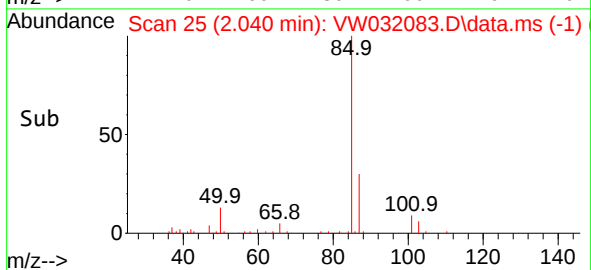
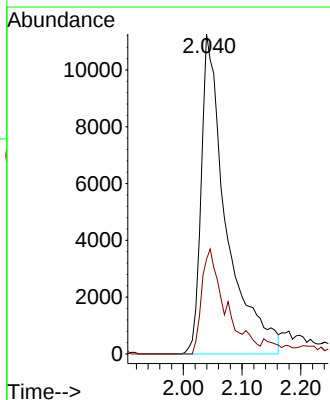
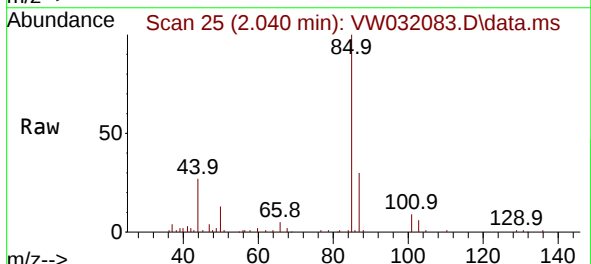
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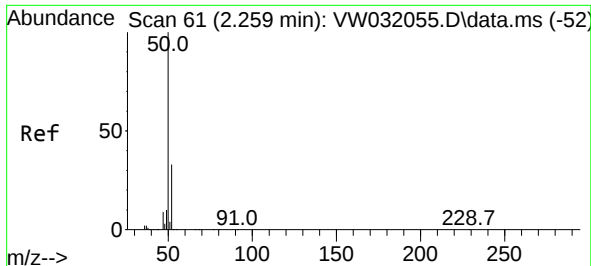
Tgt Ion:168 Resp: 218109
Ion Ratio Lower Upper
168 100
99 69.4 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 21.339 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 85 Resp: 33288
Ion Ratio Lower Upper
85 100
87 29.6 16.2 48.6

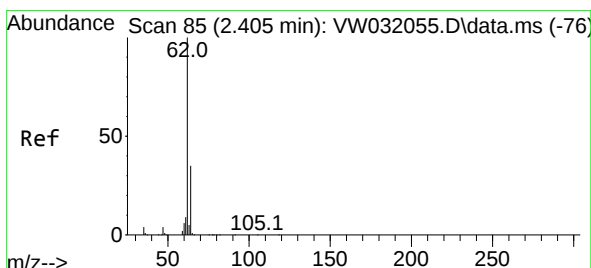
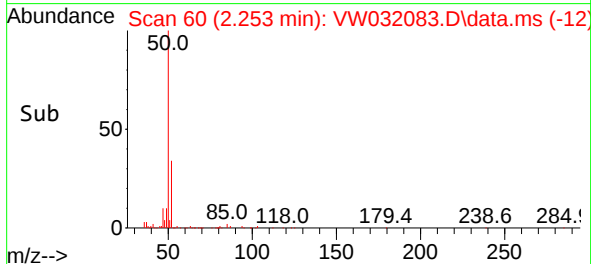
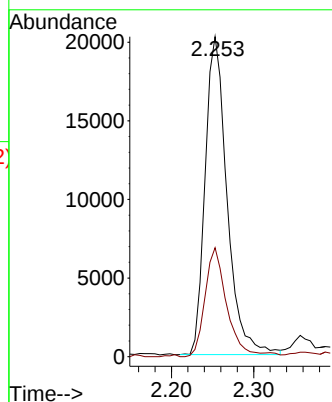
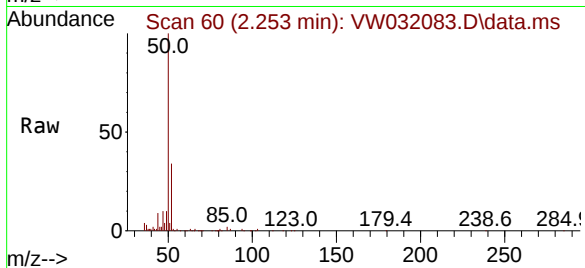




#3
Chloromethane
Concen: 17.822 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

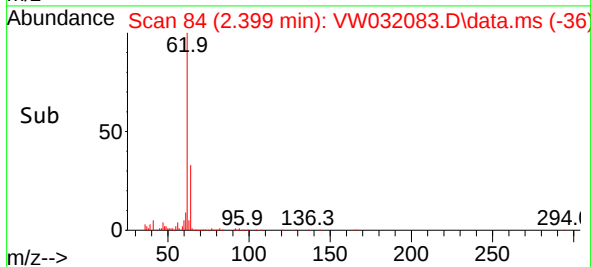
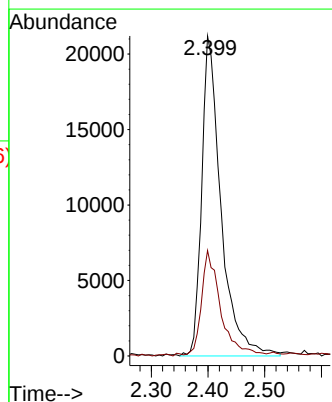
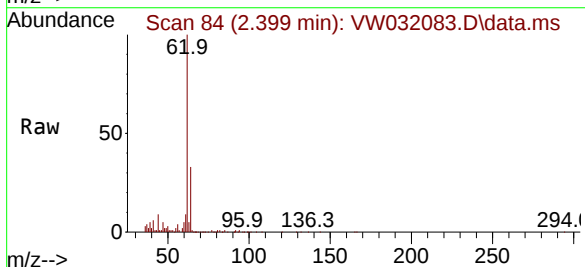
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

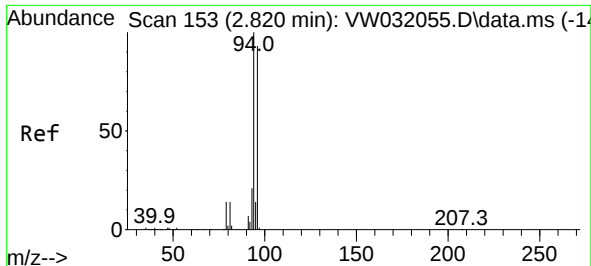
Tgt Ion: 50 Resp: 37450
Ion Ratio Lower Upper
50 100
52 34.3 26.6 39.8



#4
Vinyl Chloride
Concen: 19.695 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 62 Resp: 50061
Ion Ratio Lower Upper
62 100
64 32.3 27.8 41.6

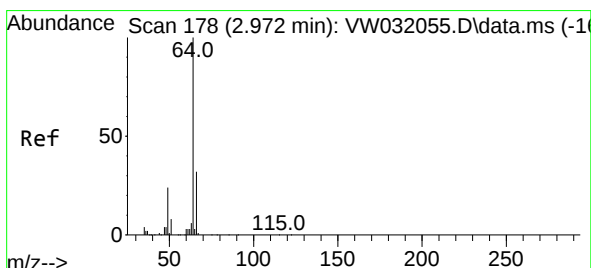
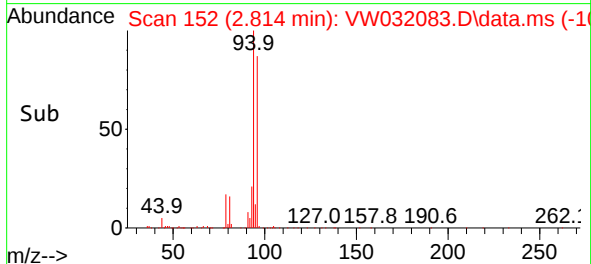
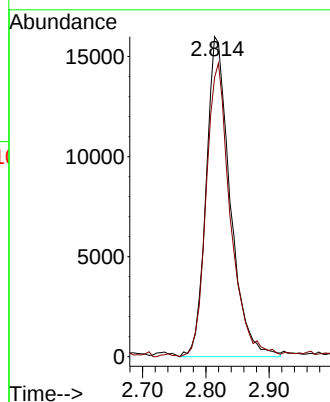
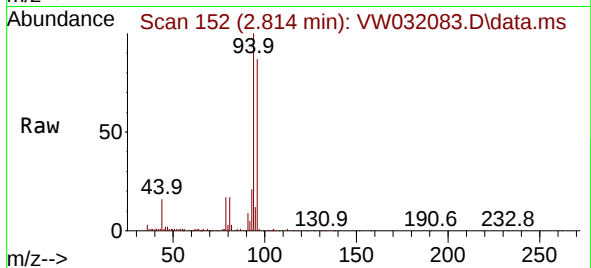




#5
Bromomethane
Concen: 22.140 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

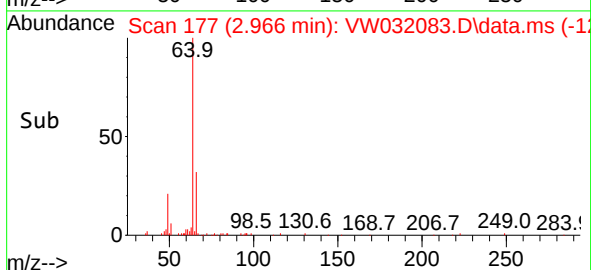
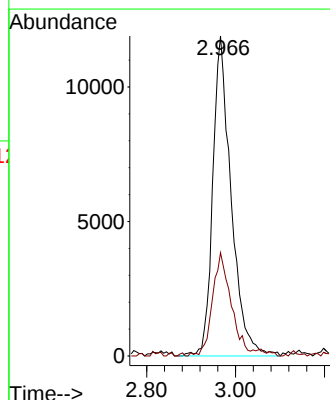
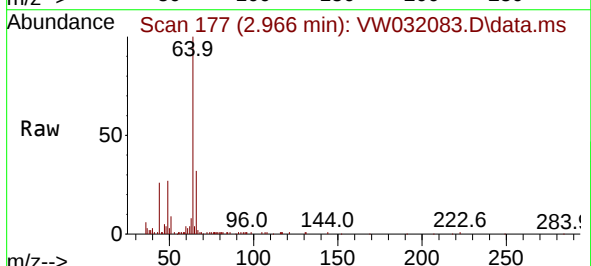
Instrument :
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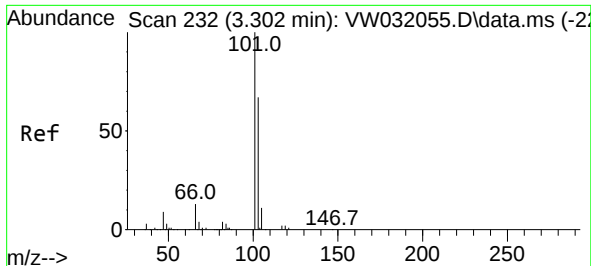
Tgt Ion: 94 Resp: 42218
Ion Ratio Lower Upper
94 100
96 87.3 74.7 112.1



#6
Chloroethane
Concen: 20.341 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 64 Resp: 34212
Ion Ratio Lower Upper
64 100
66 32.2 26.0 39.0

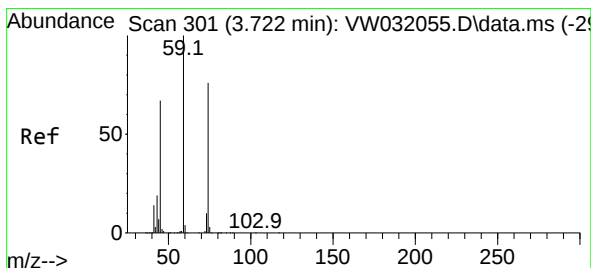
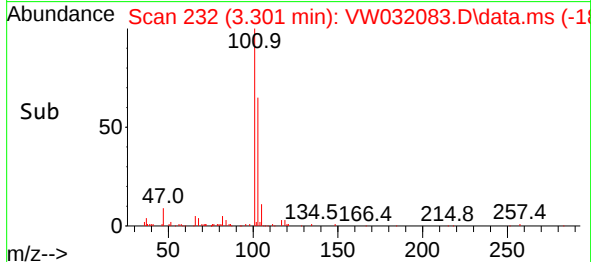
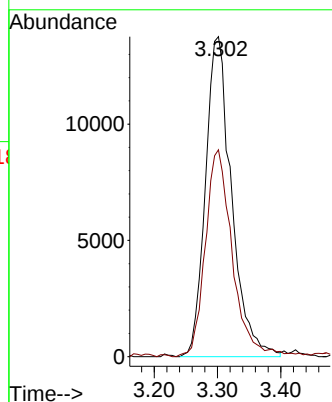
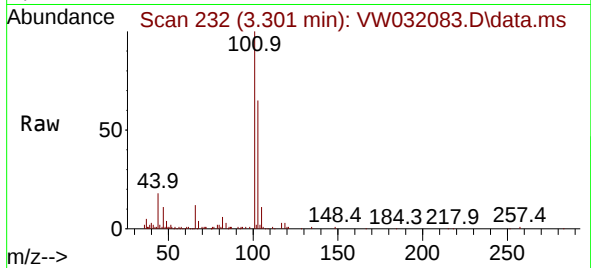




#7
 Trichlorofluoromethane
 Concen: 19.357 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

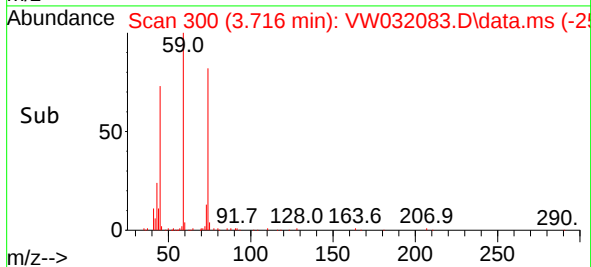
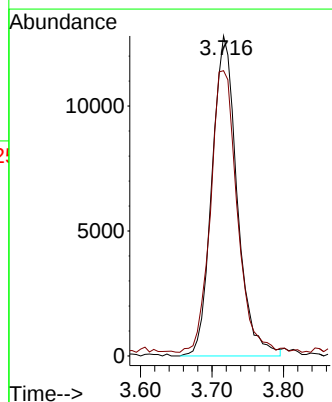
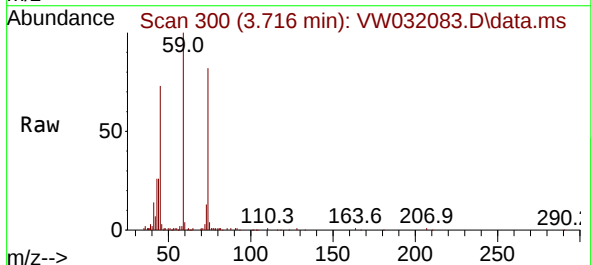
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

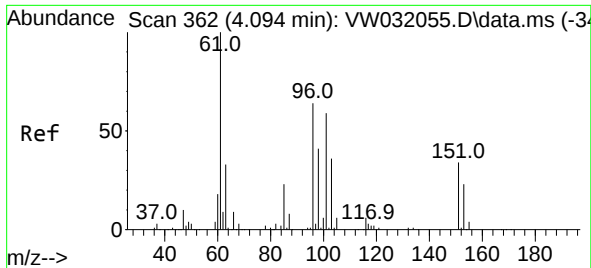
Tgt Ion:101 Resp: 39414
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.4 80.0



#8
 Diethyl Ether
 Concen: 18.808 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

Tgt Ion: 74 Resp: 31376
 Ion Ratio Lower Upper
 74 100
 45 93.2 45.4 136.2



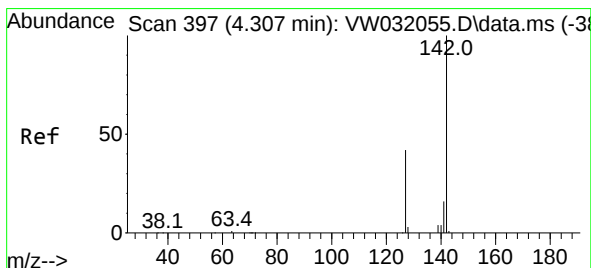
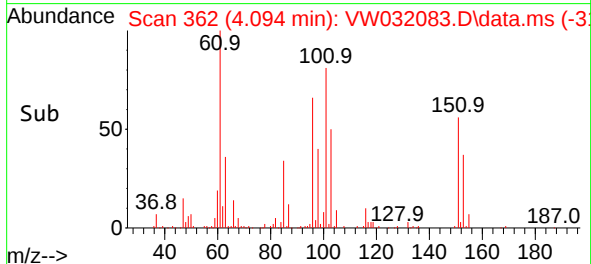
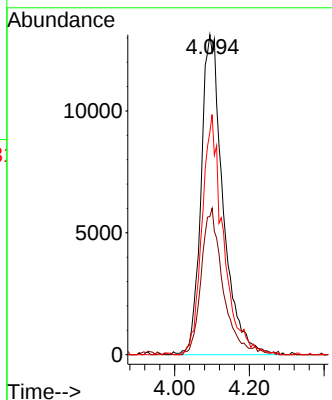
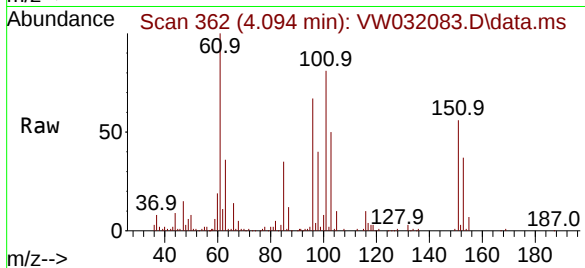


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.341 ug/l
 RT: 4.094 min Scan# 362
 Delta R.T. -0.000 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

Tgt Ion:101 Resp: 53669

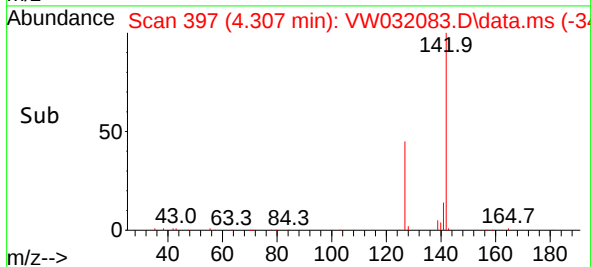
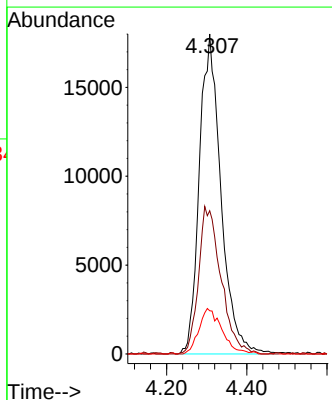
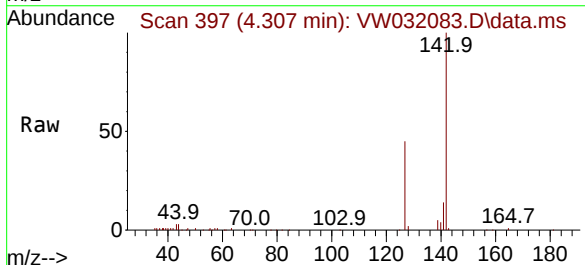
Ion	Ratio	Lower	Upper
101	100		
85	44.5	34.9	52.3
151	72.8	56.2	84.4

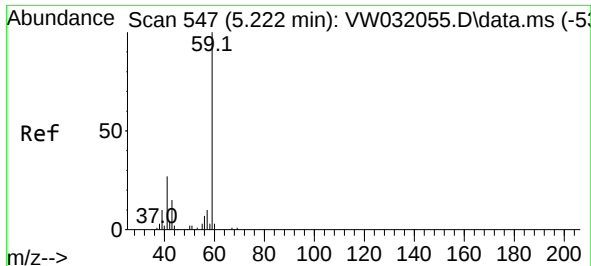


#10
 Methyl Iodide
 Concen: 19.745 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

Tgt Ion:142 Resp: 67253

Ion	Ratio	Lower	Upper
142	100		
127	47.8	36.6	55.0
141	15.1	12.1	18.1

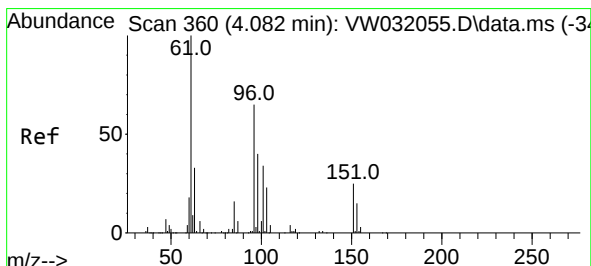
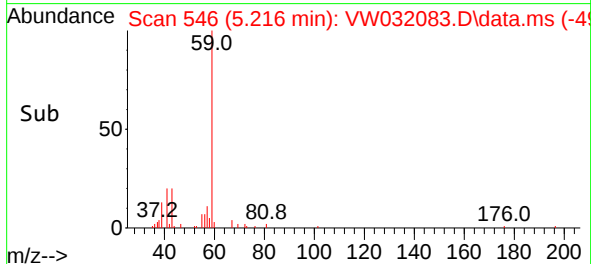
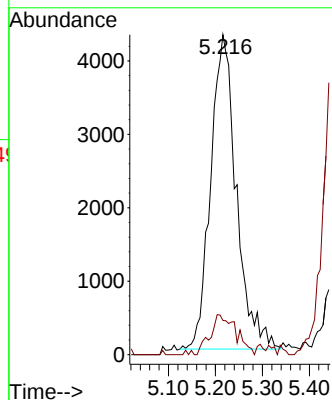
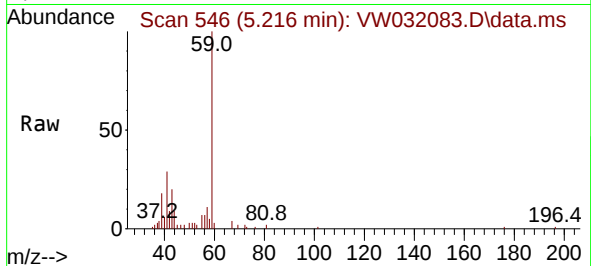




#11
Tert butyl alcohol
Concen: 79.711 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

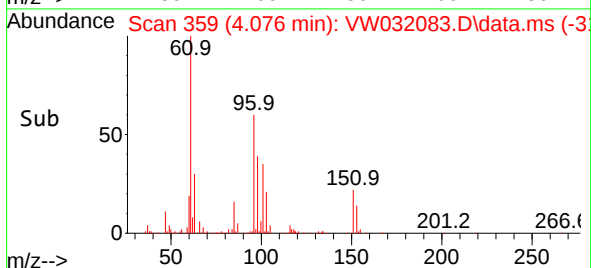
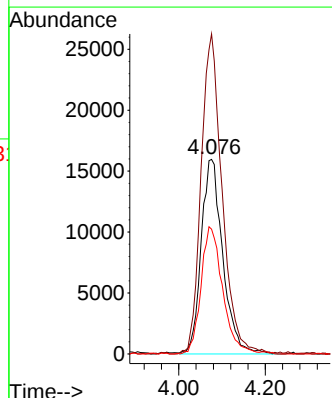
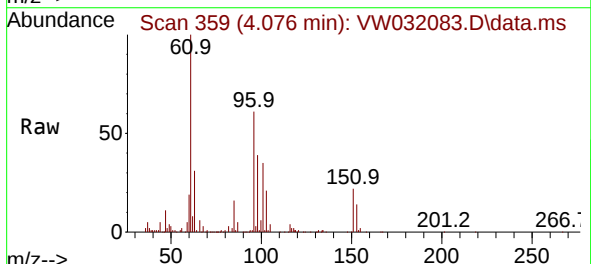
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

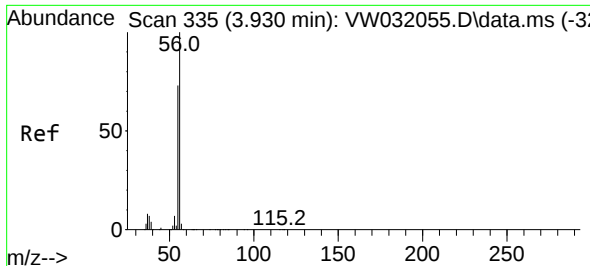
Tgt Ion: 59 Resp: 16282
Ion Ratio Lower Upper
59 100
57 12.8 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.886 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 96 Resp: 55246
Ion Ratio Lower Upper
96 100
61 163.8 123.4 185.2
98 64.1 49.5 74.3

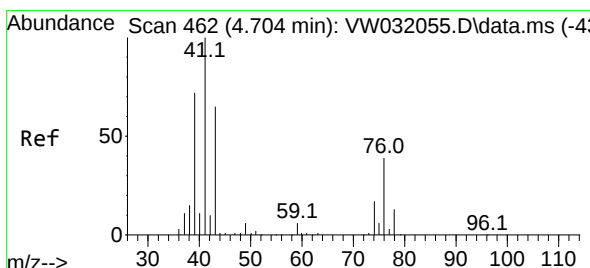
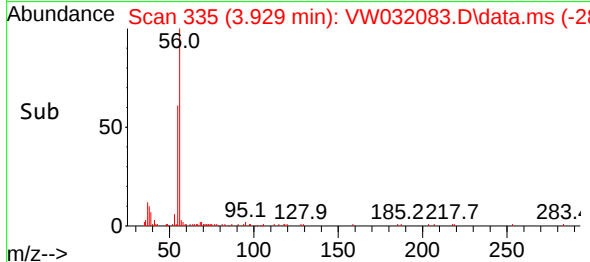
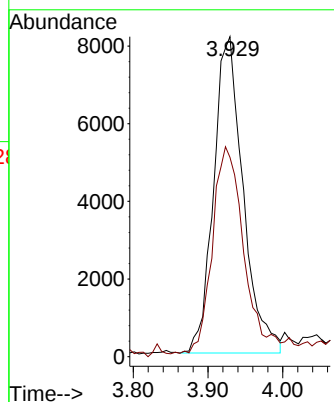
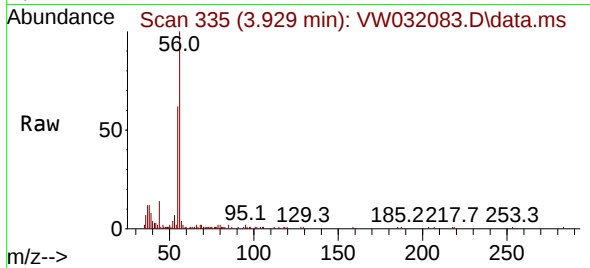




#13
Acrolein
Concen: 68.782 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

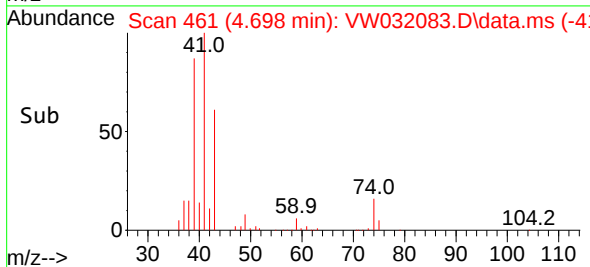
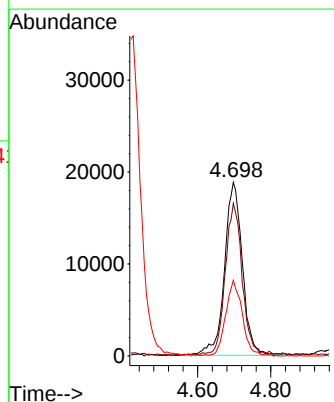
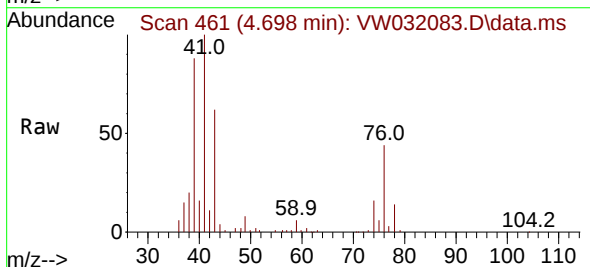
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

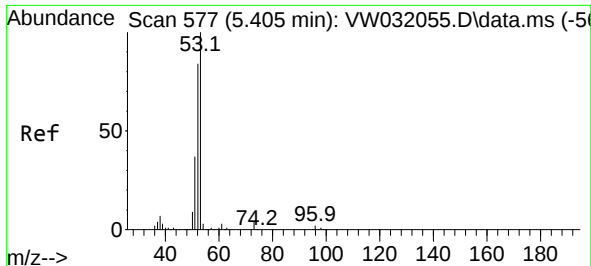
Tgt Ion: 56 Resp: 22386
Ion Ratio Lower Upper
56 100
55 70.0 55.4 83.2



#14
Allyl chloride
Concen: 16.695 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 41 Resp: 64273
Ion Ratio Lower Upper
41 100
39 81.2 54.5 81.7
76 39.4 29.3 43.9

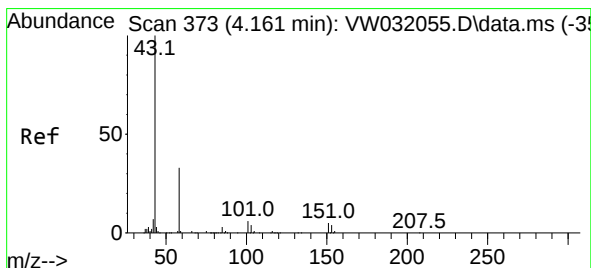
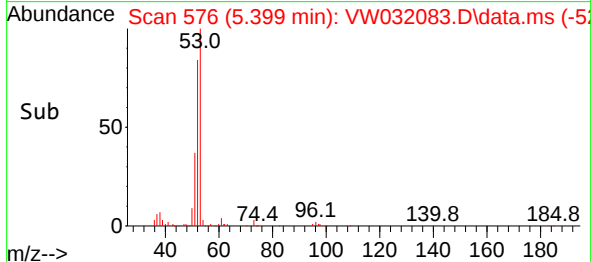
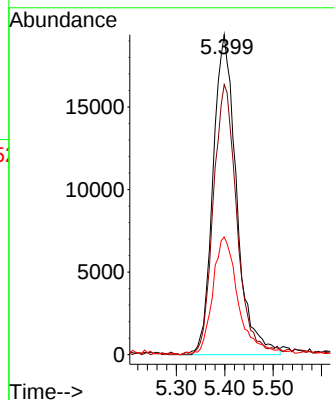
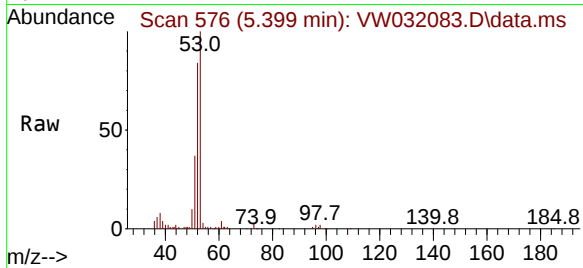




#15
Acrylonitrile
Concen: 82.359 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

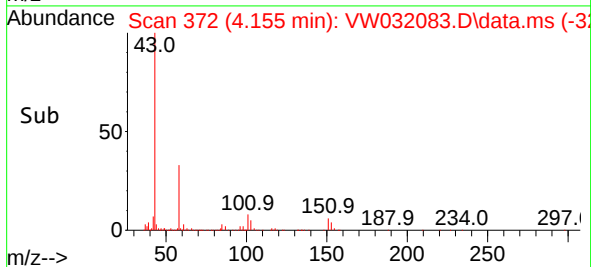
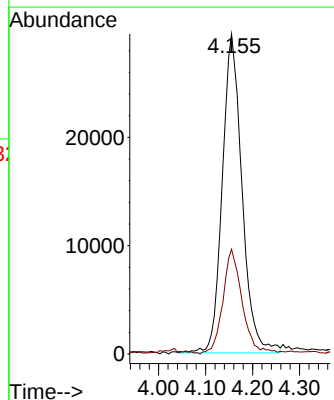
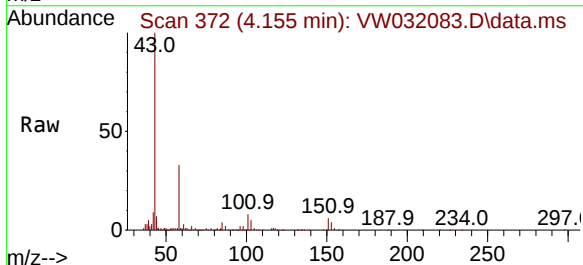
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

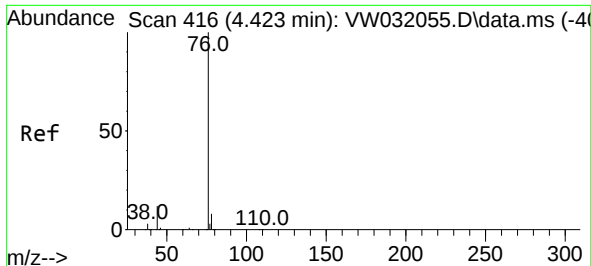
Tgt Ion: 53 Resp: 65441
Ion Ratio Lower Upper
53 100
52 83.4 66.1 99.1
51 38.8 29.2 43.8



#16
Acetone
Concen: 117.944 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 43 Resp: 86139
Ion Ratio Lower Upper
43 100
58 32.0 26.6 39.8

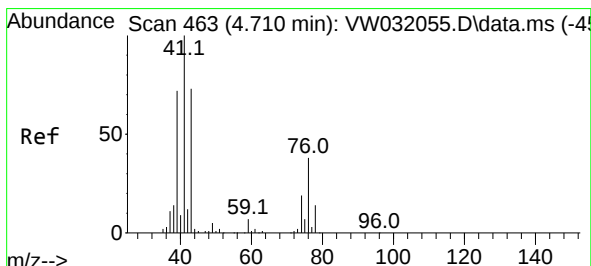
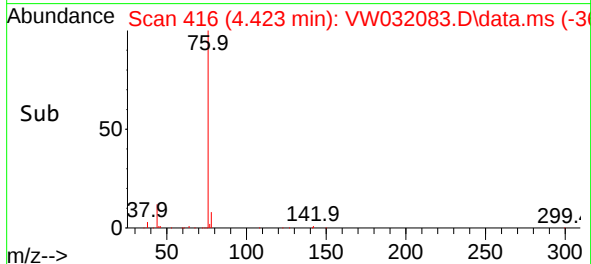
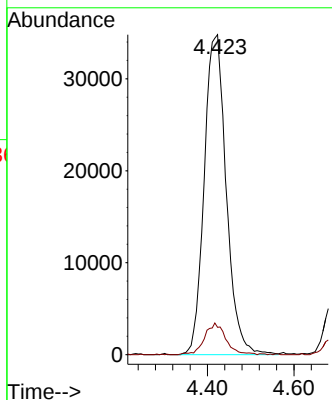
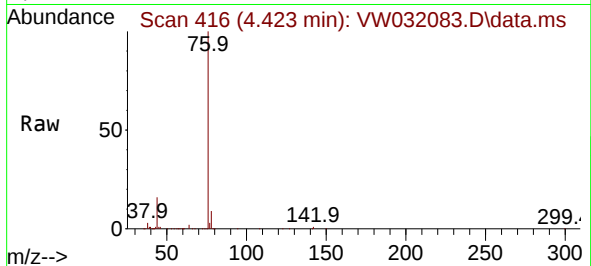




#17
Carbon Disulfide
Concen: 17.333 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

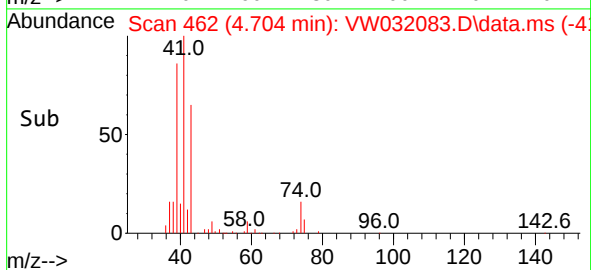
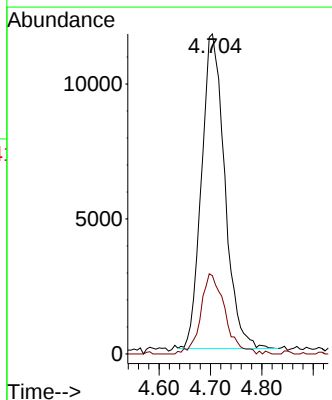
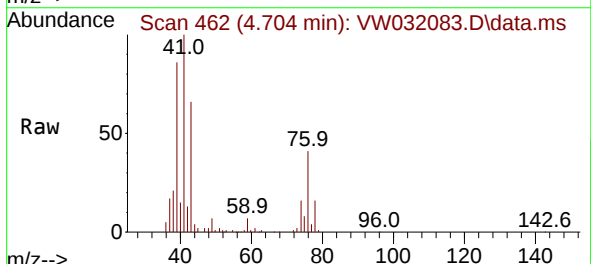
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

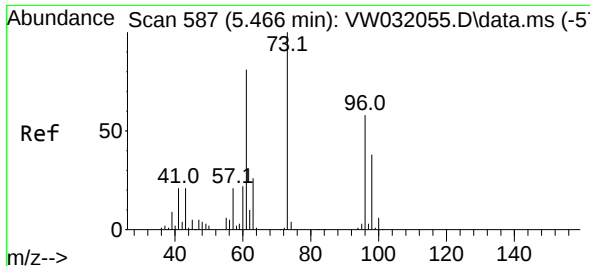
Tgt Ion: 76 Resp: 123061
Ion Ratio Lower Upper
76 100
78 8.6 6.4 9.6



#18
Methyl Acetate
Concen: 15.808 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 43 Resp: 36534
Ion Ratio Lower Upper
43 100
74 26.5 20.6 31.0

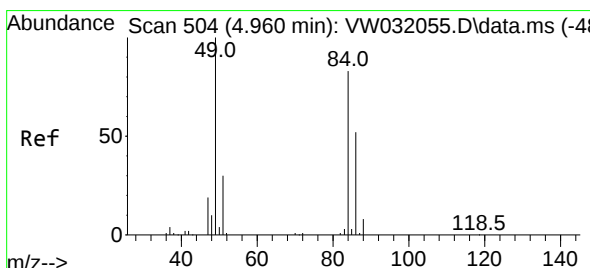
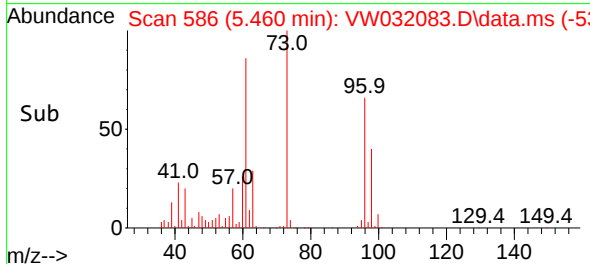
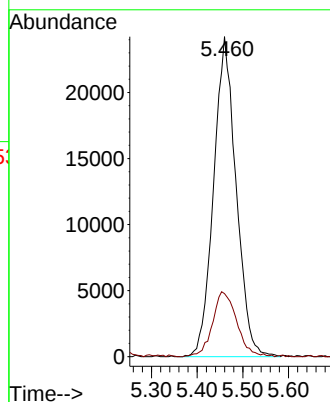
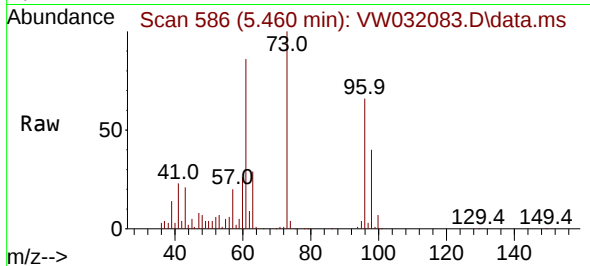




#19
Methyl tert-butyl Ether
Concen: 17.775 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

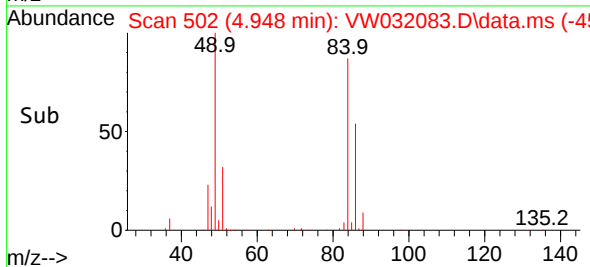
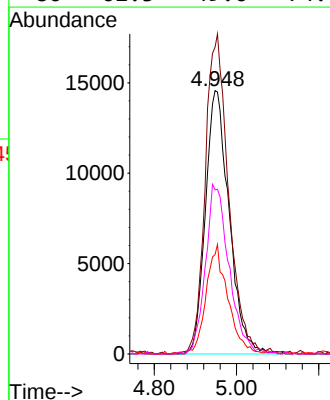
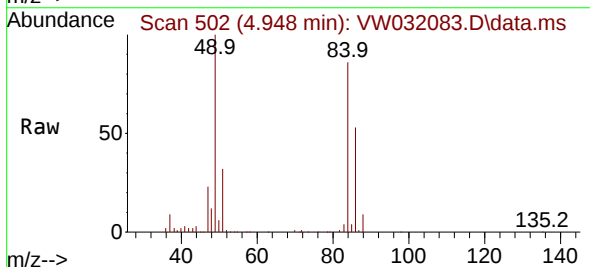
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

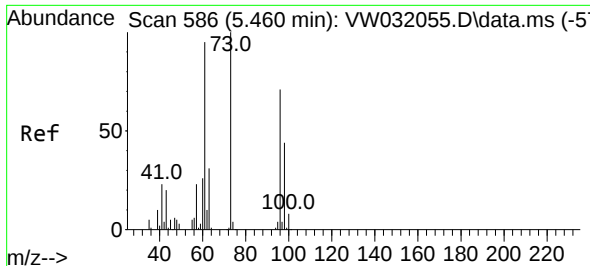
Tgt Ion: 73 Resp: 82841
Ion Ratio Lower Upper
73 100
57 19.7 17.2 25.8



#20
Methylene Chloride
Concen: 17.289 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 84 Resp: 58381
Ion Ratio Lower Upper
84 100
49 116.0 95.9 143.9
51 37.4 28.6 43.0
86 62.3 49.6 74.4

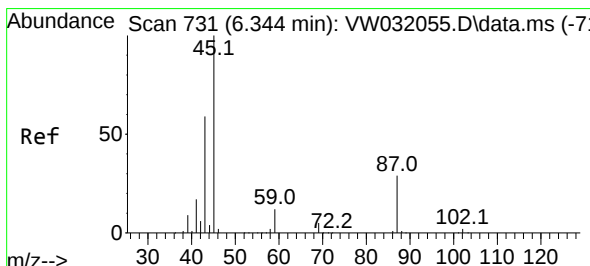
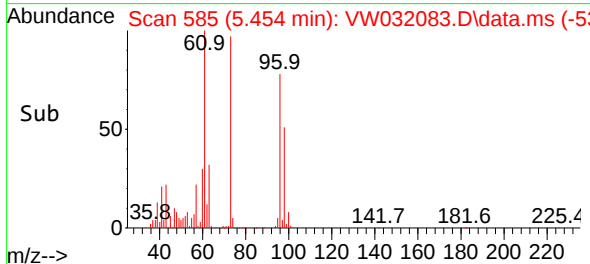
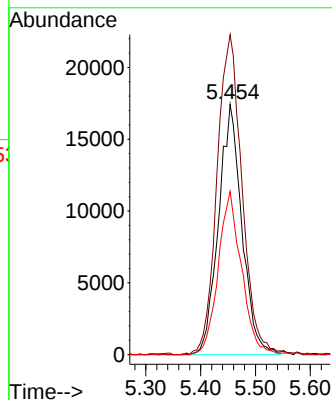
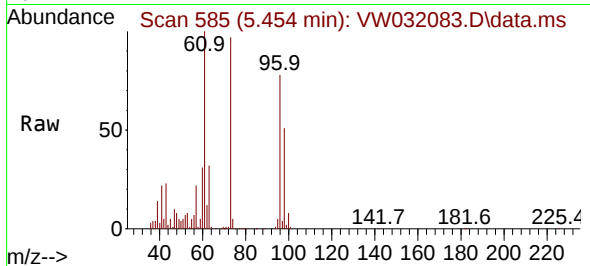




#21
trans-1,2-Dichloroethene
Concen: 18.442 ug/l
RT: 5.454 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

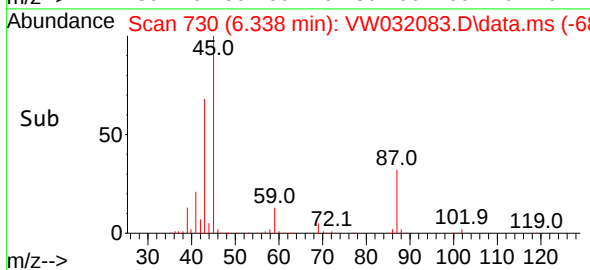
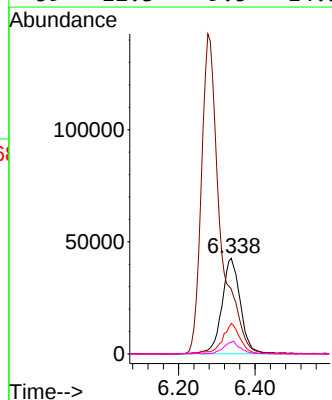
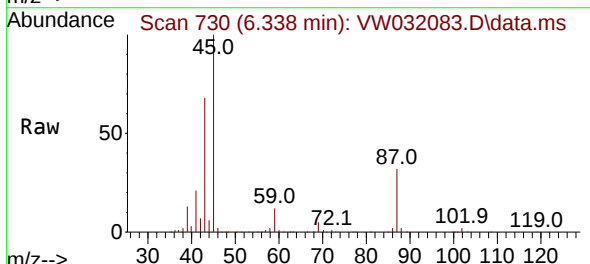
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

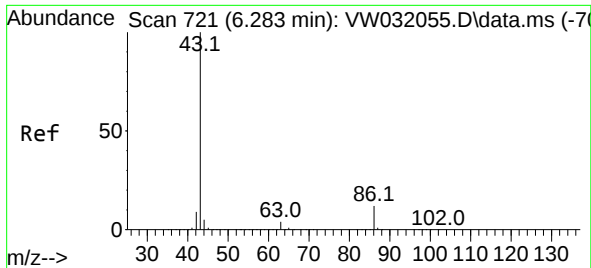
Tgt Ion: 96 Resp: 51769
Ion Ratio Lower Upper
96 100
61 127.9 106.8 160.2
98 65.2 49.6 74.4



#22
Diisopropyl ether
Concen: 17.452 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 45 Resp: 141639
Ion Ratio Lower Upper
45 100
43 67.7 47.0 70.4
87 31.9 23.8 35.8
59 12.3 9.5 14.3

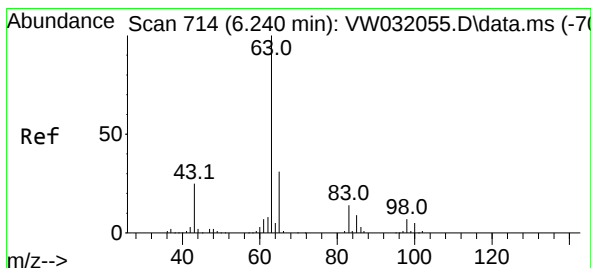
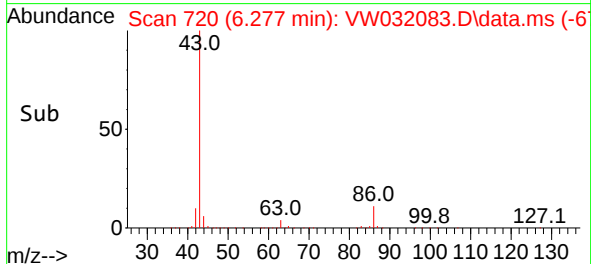
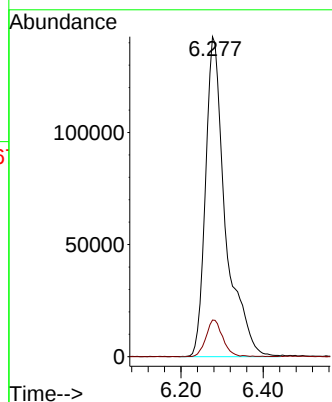
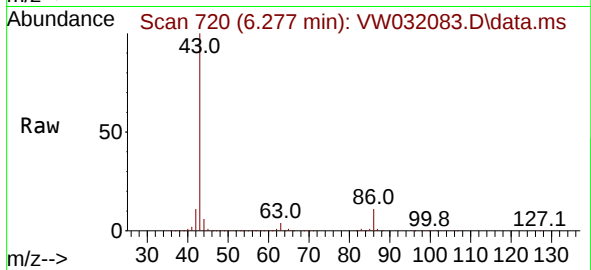




#23
 Vinyl Acetate
 Concen: 90.338 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

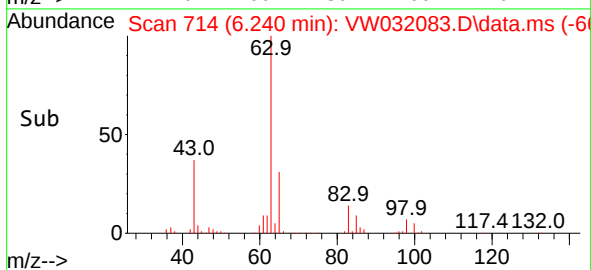
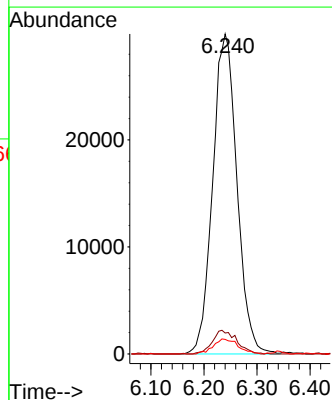
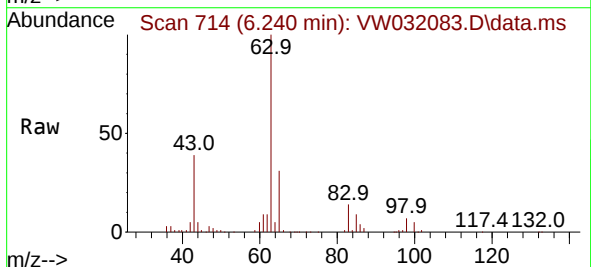
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

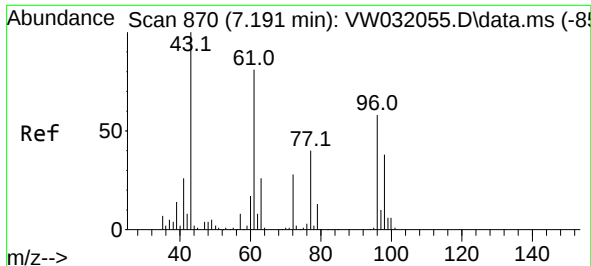
Tgt Ion: 43 Resp: 481360
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 18.303 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

Tgt Ion: 63 Resp: 94906
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 4.6 2.5 7.4

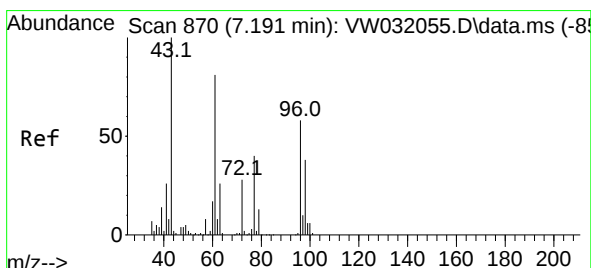
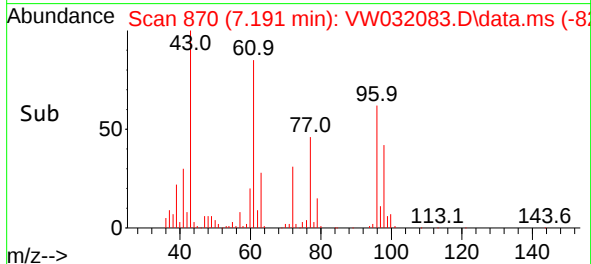
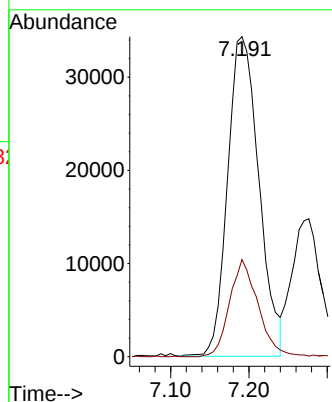
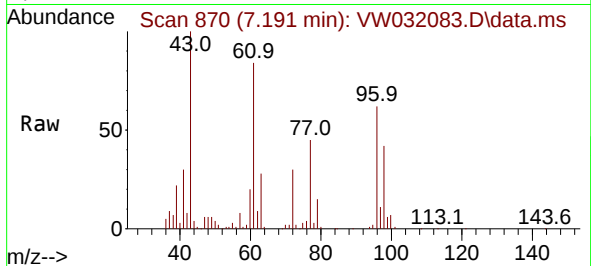




#25
2-Butanone
Concen: 91.978 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

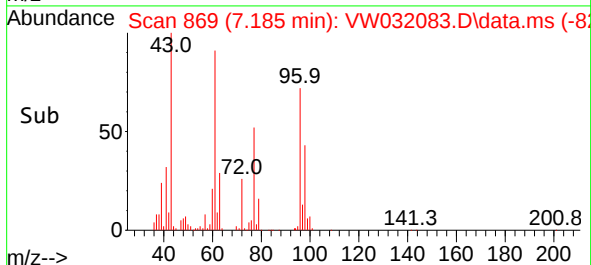
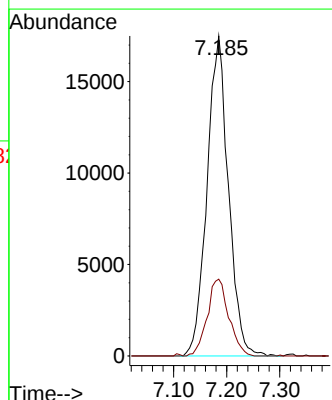
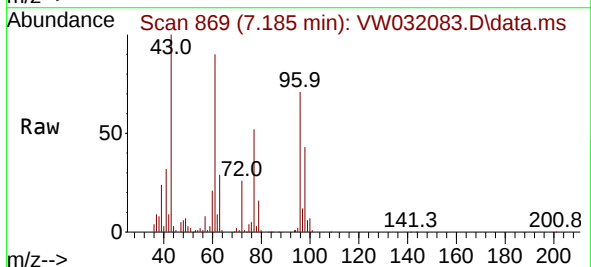
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

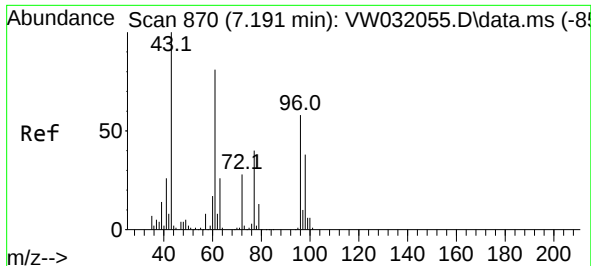
Tgt Ion: 43 Resp: 95473
Ion Ratio Lower Upper
43 100
72 30.4 22.3 33.5



#26
2,2-Dichloropropane
Concen: 18.841 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 77 Resp: 49013
Ion Ratio Lower Upper
77 100
97 24.2 12.3 36.9

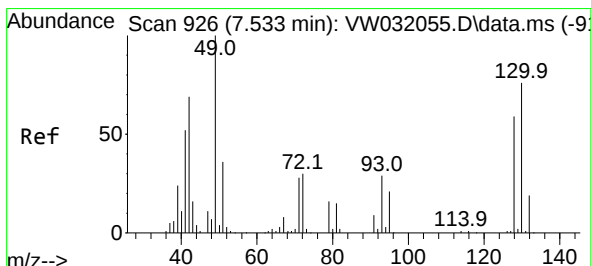
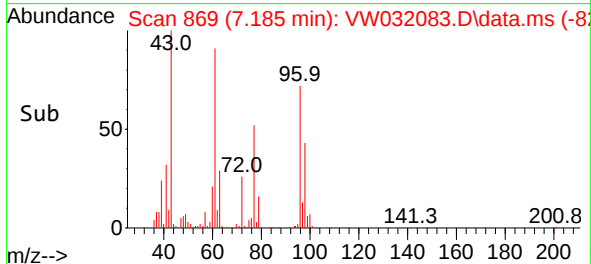
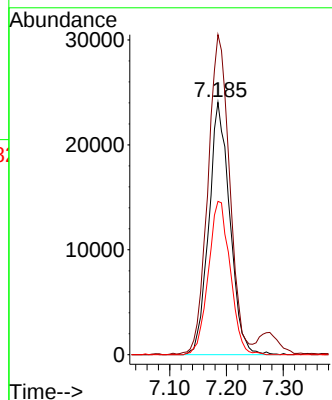
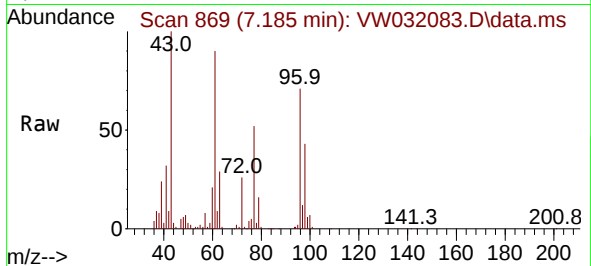




#27
 cis-1,2-Dichloroethene
 Concen: 18.864 ug/l
 RT: 7.185 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

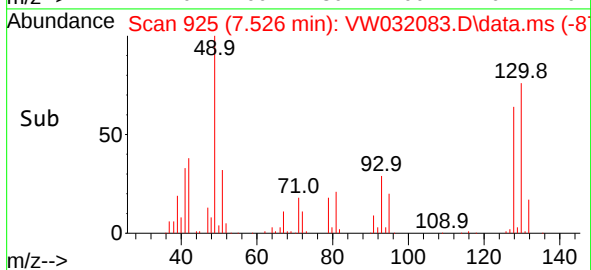
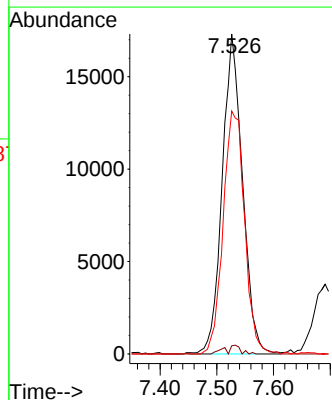
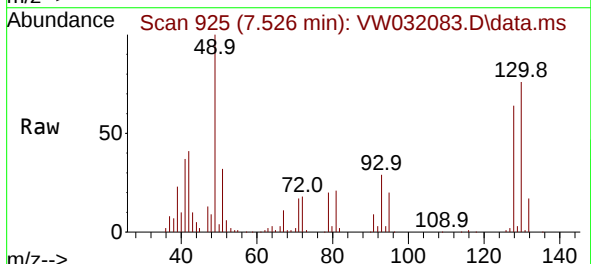
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

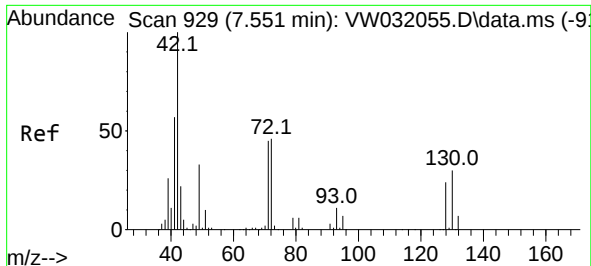
Tgt Ion: 96 Resp: 61895
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 281.2
 98 63.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 18.270 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

Tgt Ion: 49 Resp: 43111
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.2
 130 80.0 61.9 92.9

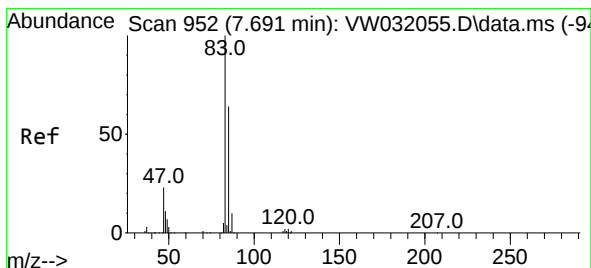
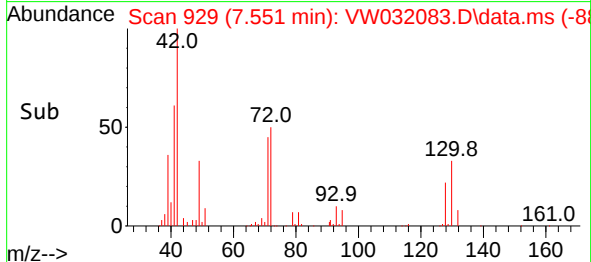
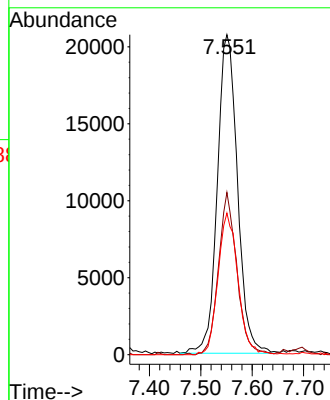
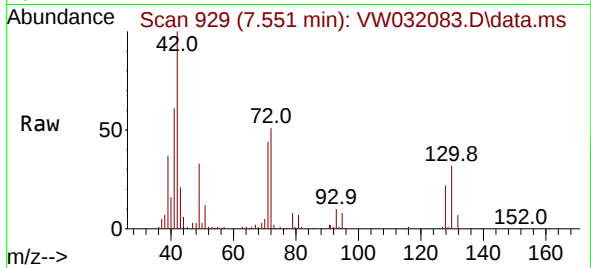




#29
Tetrahydrofuran
Concen: 82.447 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

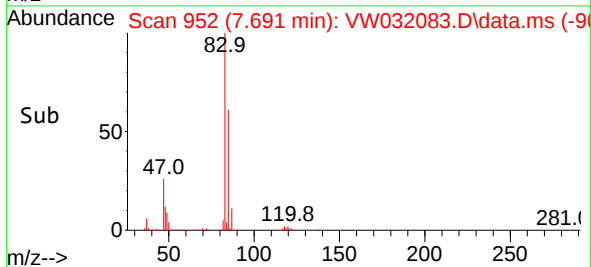
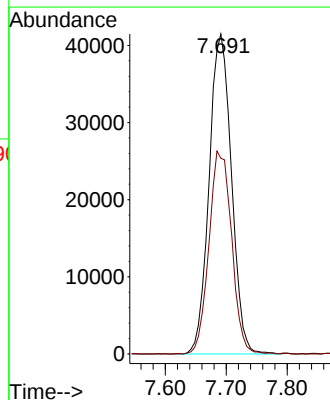
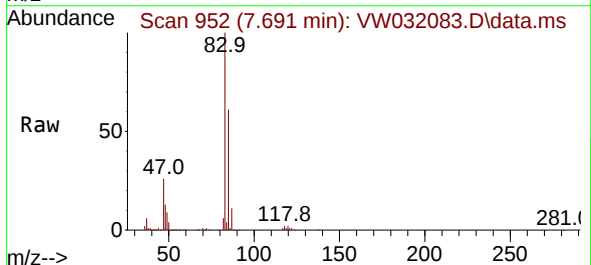
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

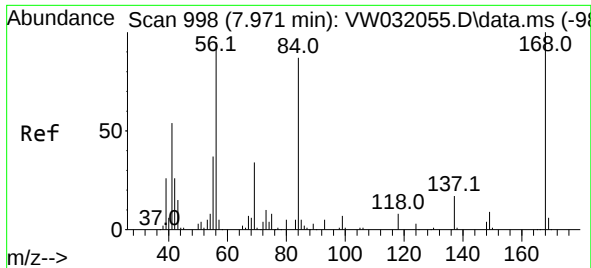
Tgt Ion: 42 Resp: 56439
Ion Ratio Lower Upper
42 100
72 46.6 36.6 55.0
71 43.9 34.7 52.1



#30
Chloroform
Concen: 19.239 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 83 Resp: 105761
Ion Ratio Lower Upper
83 100
85 61.0 51.0 76.4

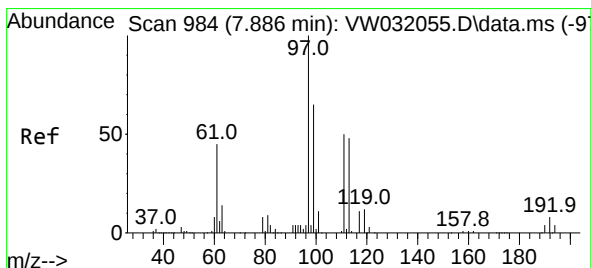
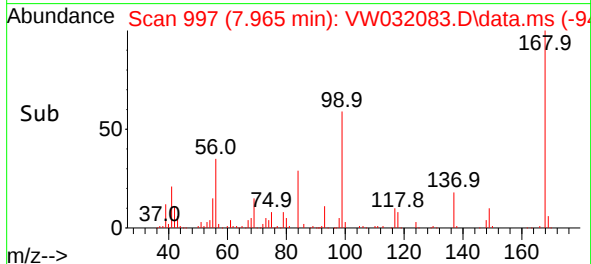
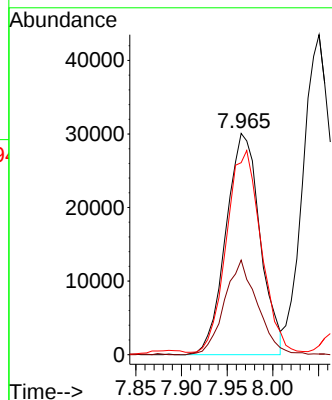
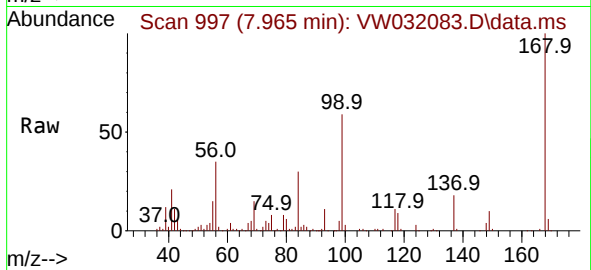




#31
Cyclohexane
Concen: 17.431 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

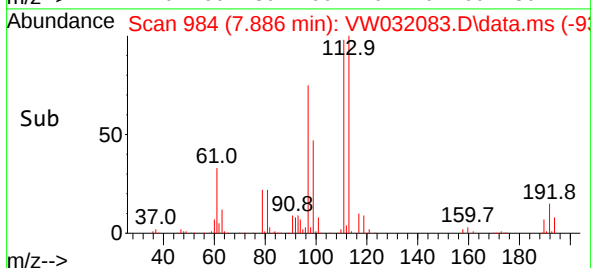
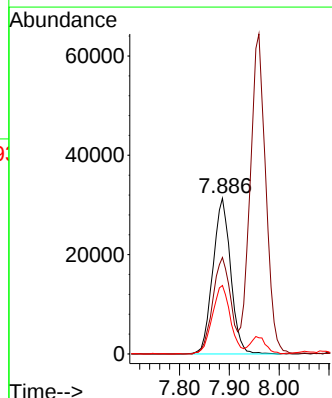
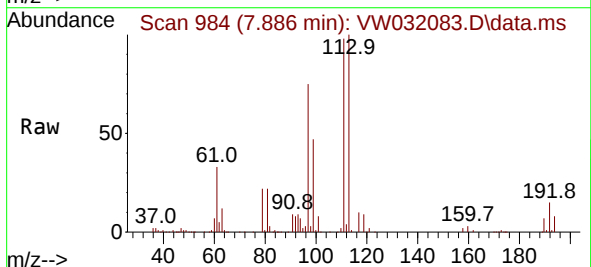
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

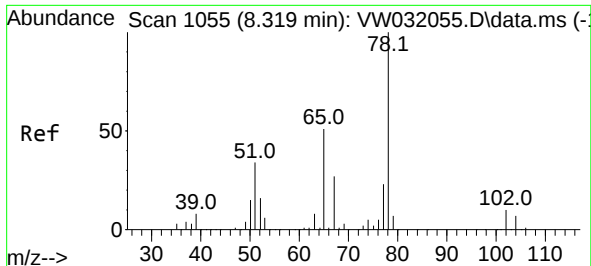
Tgt Ion: 56 Resp: 78359
Ion Ratio Lower Upper
56 100
69 42.2 28.6 42.8
84 85.0 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 19.425 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 97 Resp: 77562
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.8
61 44.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.808 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

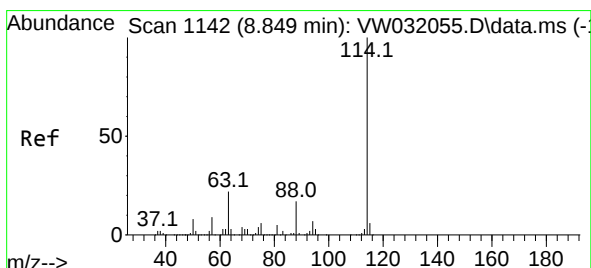
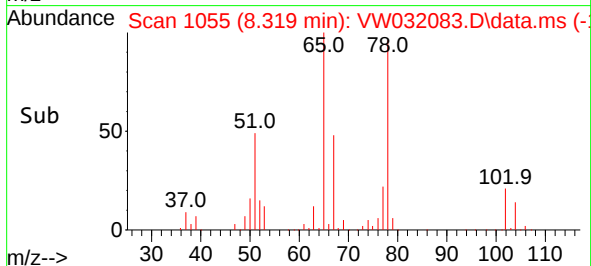
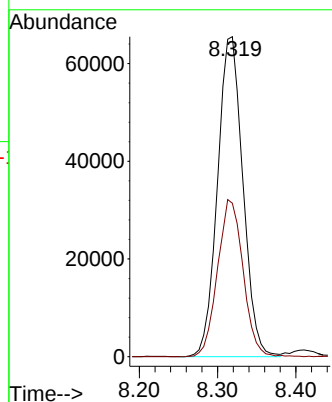
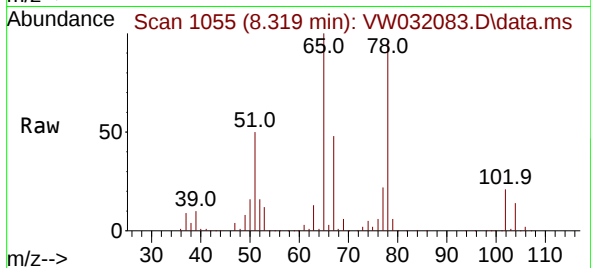
VW0814SBS01

Tgt Ion: 65 Resp: 147653

Ion Ratio Lower Upper

65 100

67 49.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

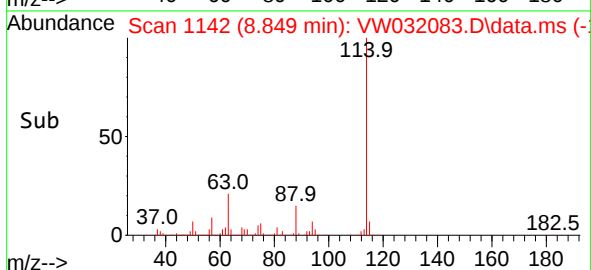
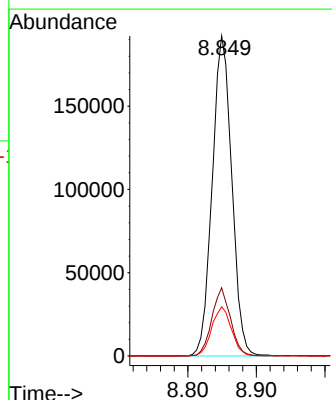
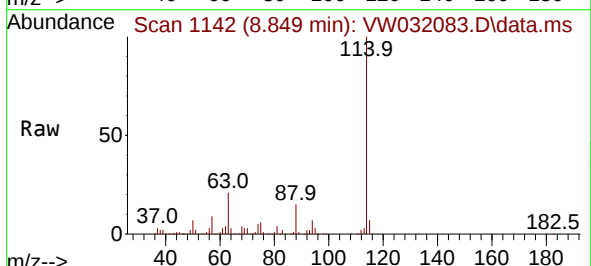
Tgt Ion: 114 Resp: 379951

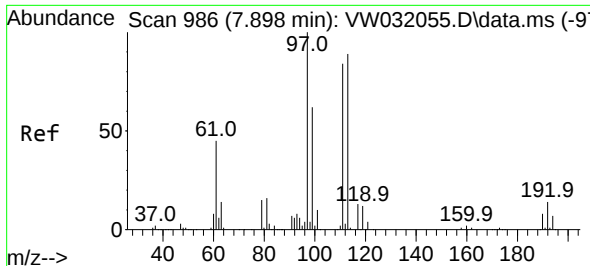
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

88 15.4 0.0 33.8

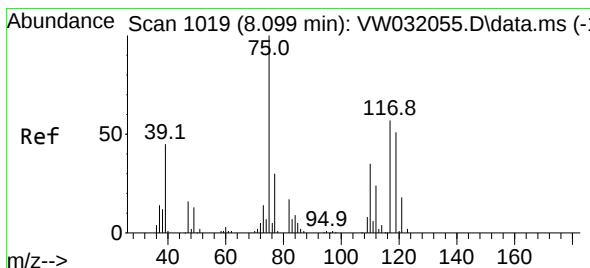
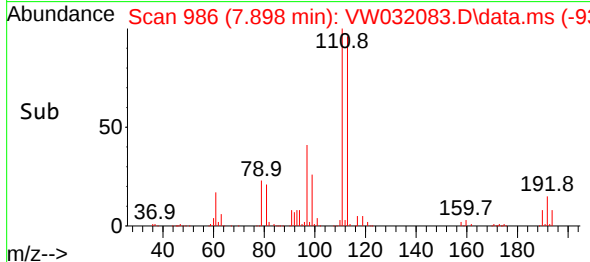
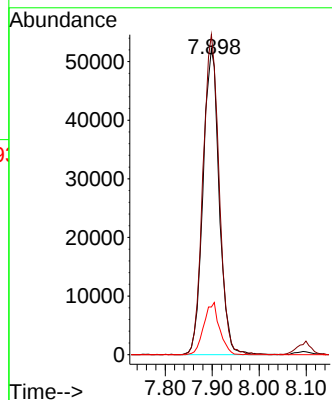
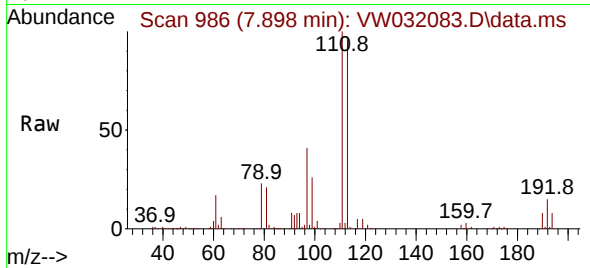




#35
Dibromofluoromethane
Concen: 50.548 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

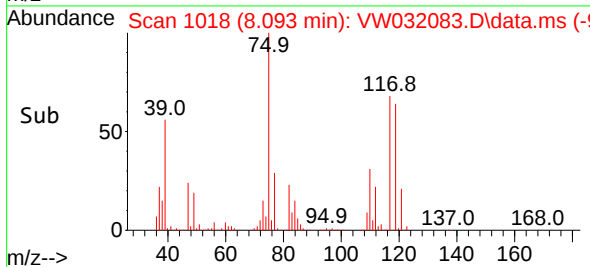
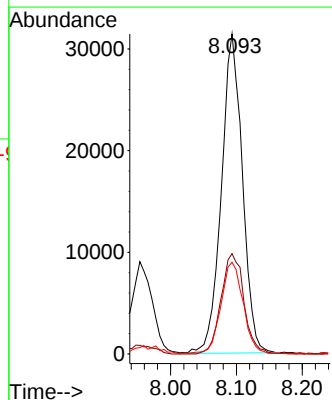
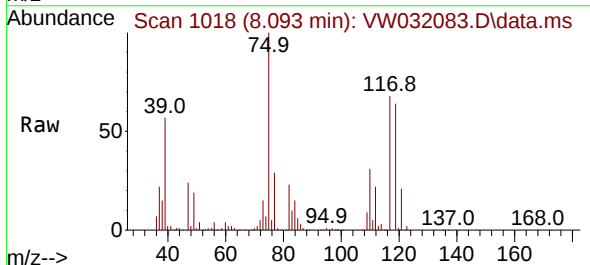
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

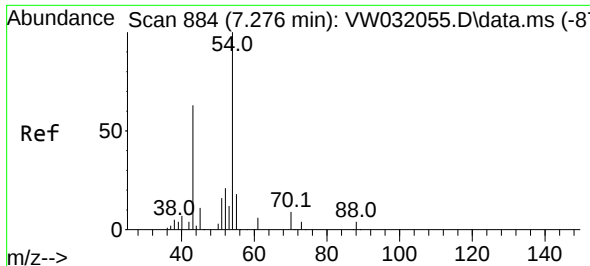
Tgt Ion:113 Resp: 124076
Ion Ratio Lower Upper
113 100
111 105.0 80.1 120.1
192 16.7 13.1 19.7



#36
1,1-Dichloropropene
Concen: 20.189 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 75 Resp: 69861
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.2
77 30.6 24.7 37.1

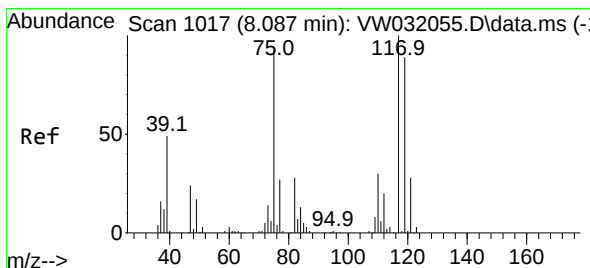
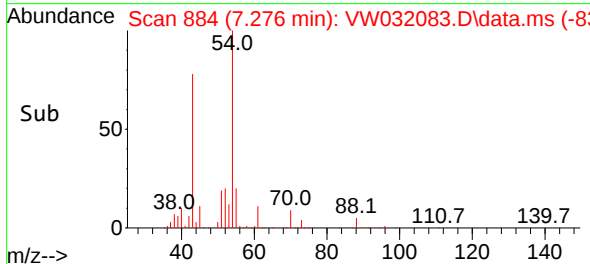
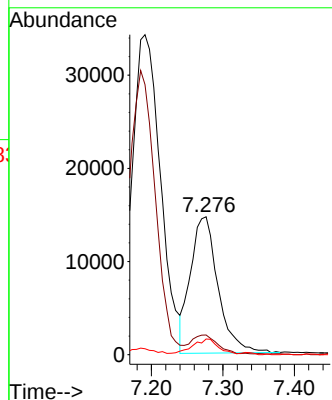
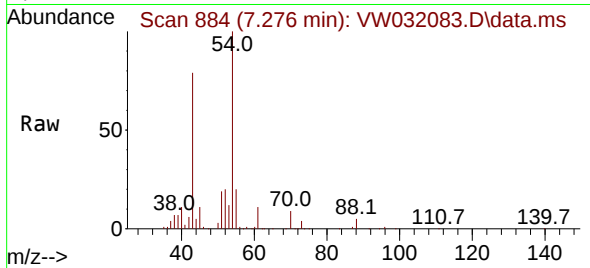




#37
Ethyl Acetate
Concen: 19.240 ug/l
RT: 7.276 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

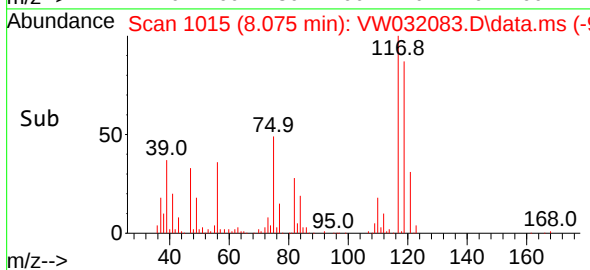
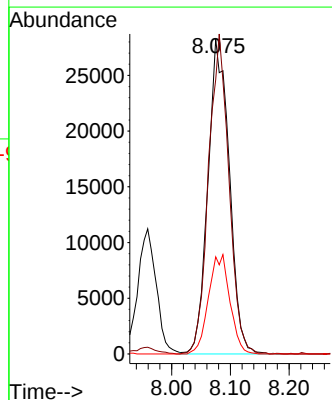
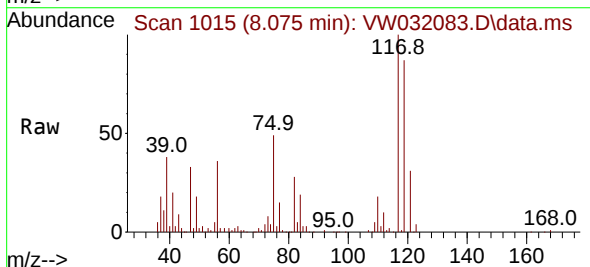
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

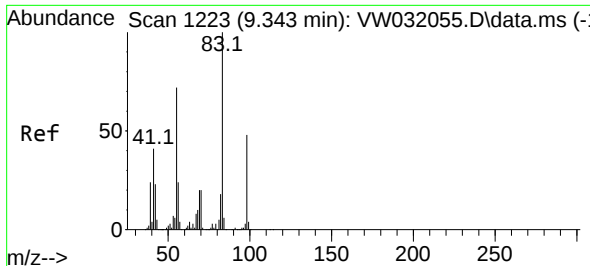
Tgt Ion: 43 Resp: 39212
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 10.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 21.419 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.012 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 117 Resp: 71526
Ion Ratio Lower Upper
117 100
119 87.2 71.4 107.2
121 30.8 22.3 33.5

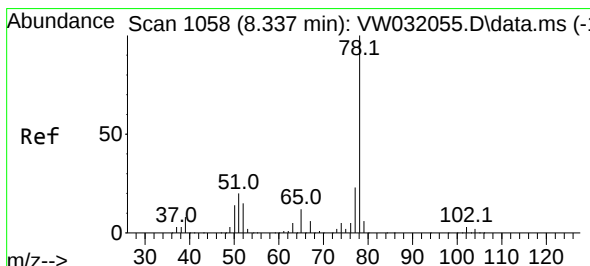
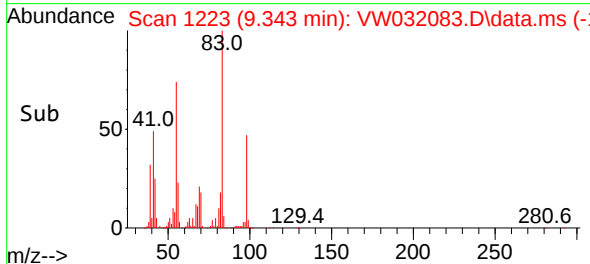
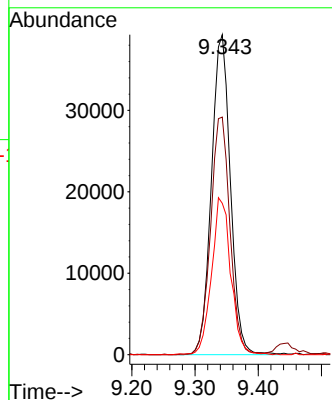
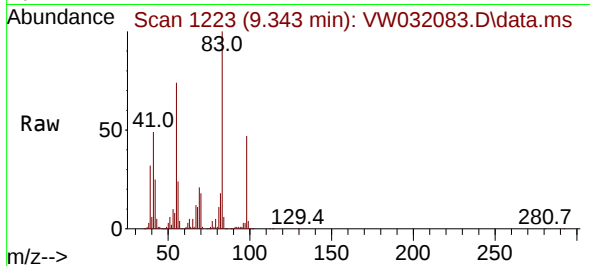




#39
Methylcyclohexane
Concen: 19.402 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

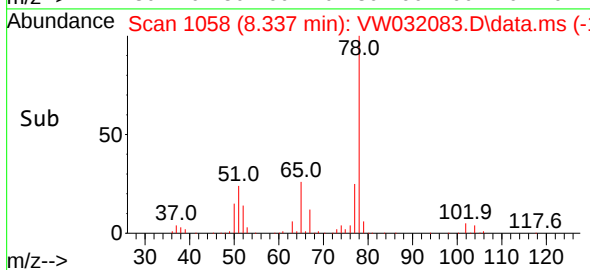
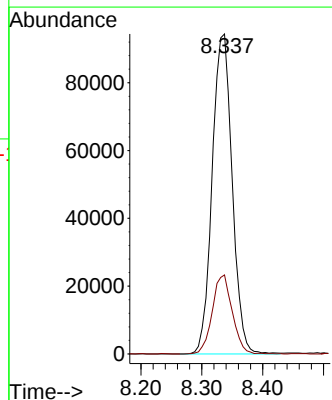
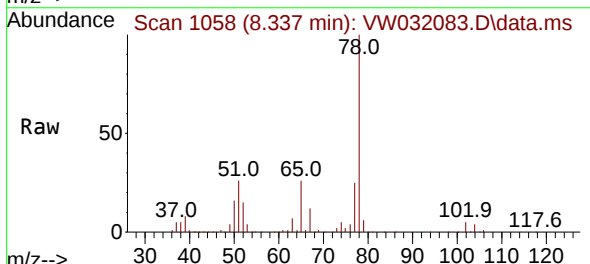
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

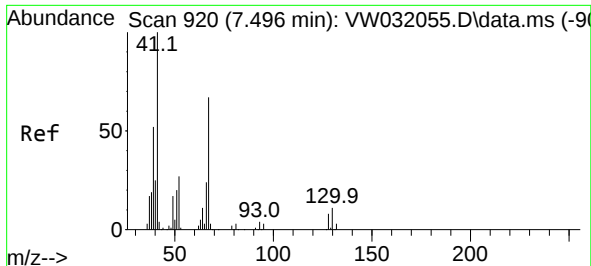
Tgt Ion: 83 Resp: 81832
Ion Ratio Lower Upper
83 100
55 74.1 57.9 86.9
98 47.3 38.3 57.5



#40
Benzene
Concen: 19.983 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 78 Resp: 214937
Ion Ratio Lower Upper
78 100
77 24.7 18.4 27.6

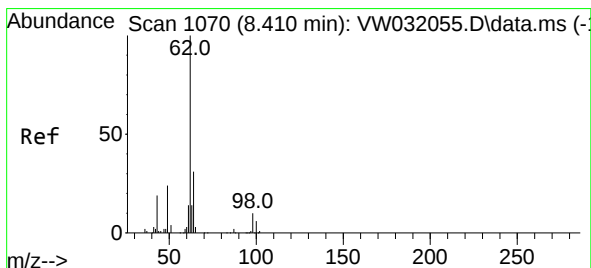
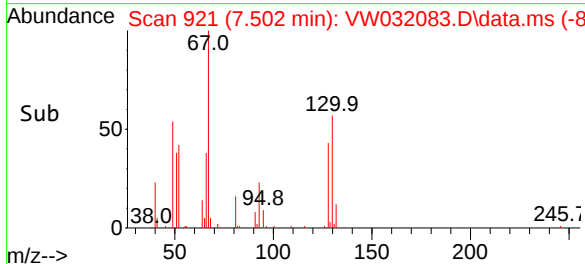
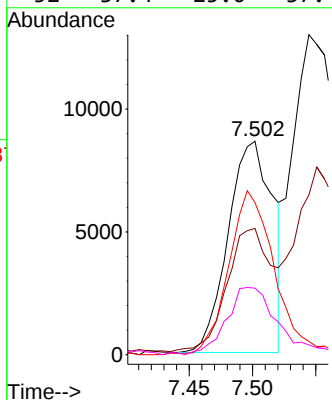
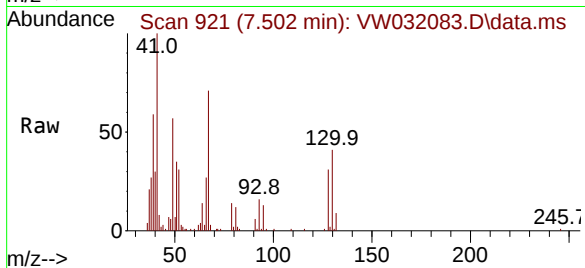




#41
Methacrylonitrile
Concen: 18.301 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

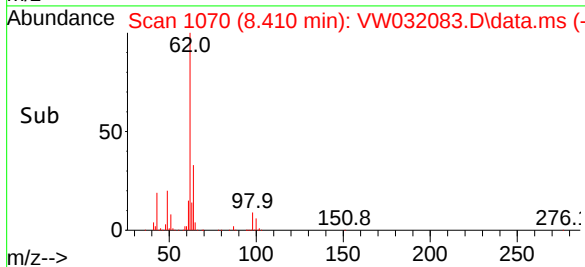
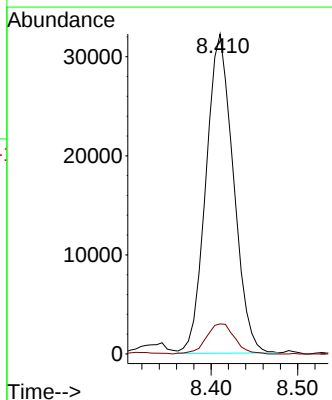
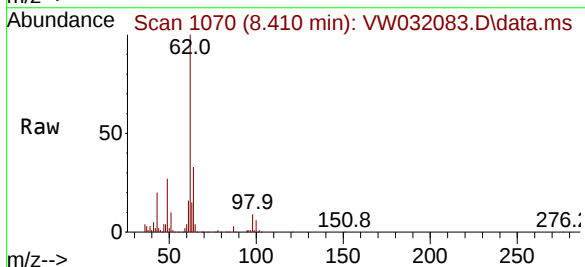
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

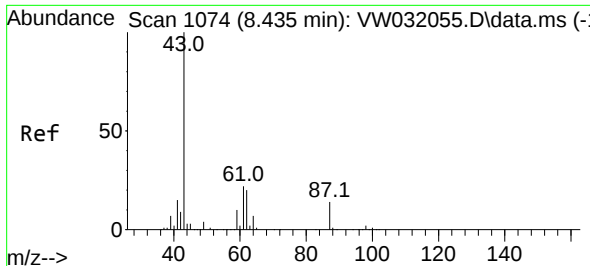
Tgt Ion:	41	Resp:	21151
Ion	Ratio	Lower	Upper
41	100		
39	59.2	42.6	63.8
67	80.1	61.0	91.4
52	37.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.552 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion:	62	Resp:	70737
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8



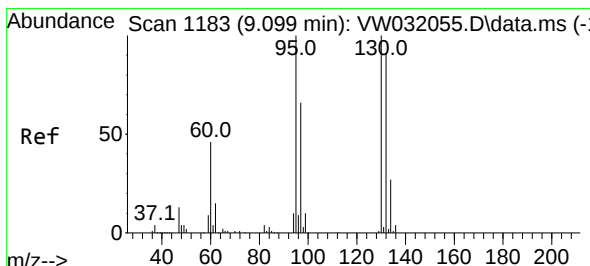
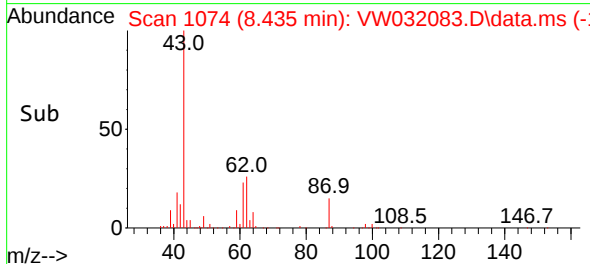
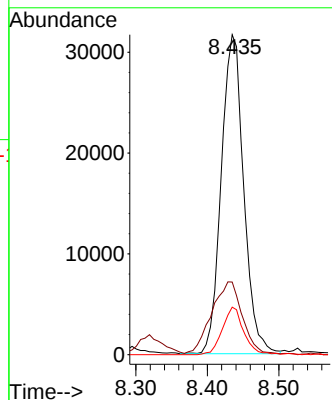
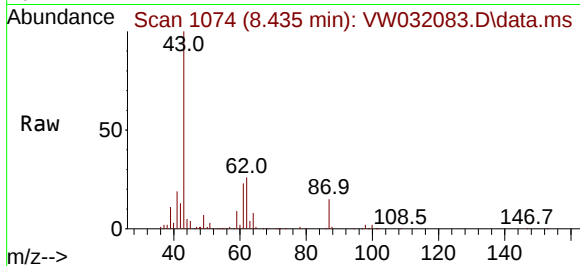


#43
Isopropyl Acetate
Concen: 18.403 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

Tgt Ion: 43 Resp: 69002

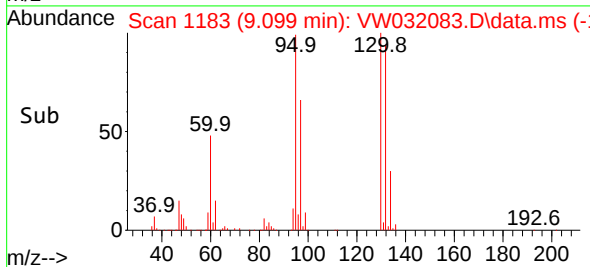
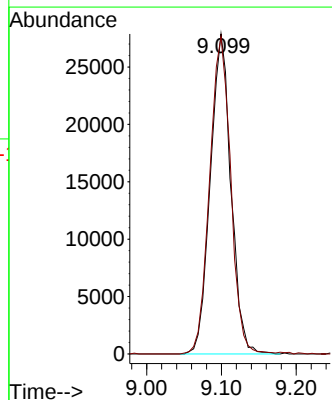
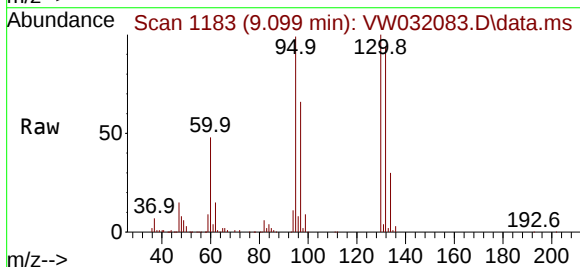
Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.8	35.8
87	14.1	11.7	17.5

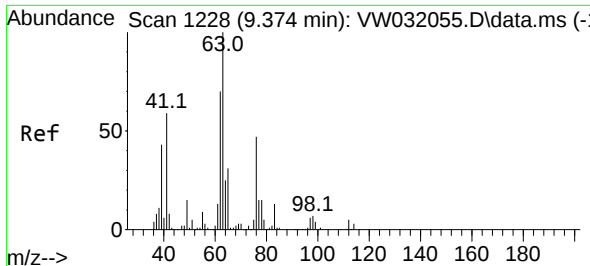


#44
Trichloroethene
Concen: 20.845 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 130 Resp: 53394

Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	200.6

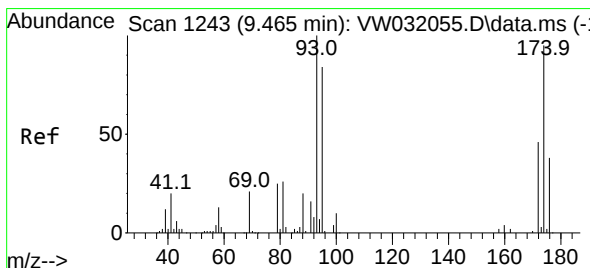
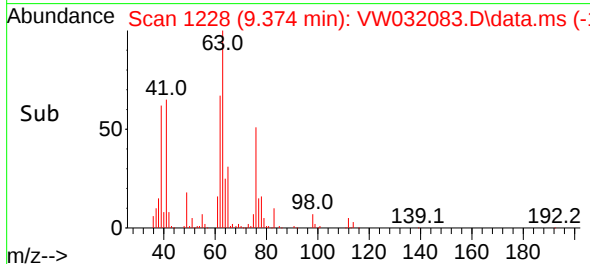
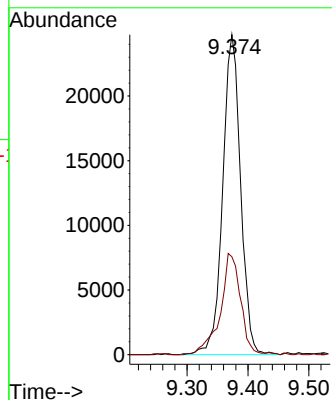
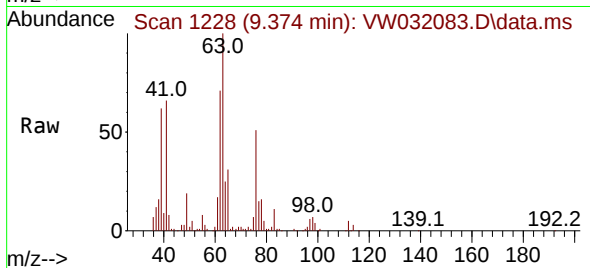




#45
1,2-Dichloropropane
Concen: 19.487 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

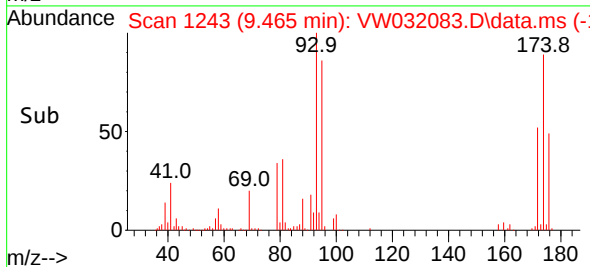
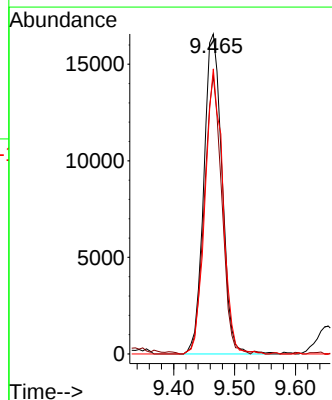
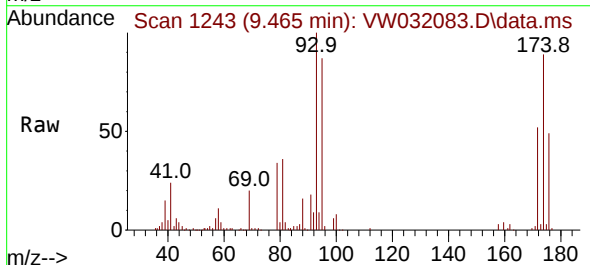
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

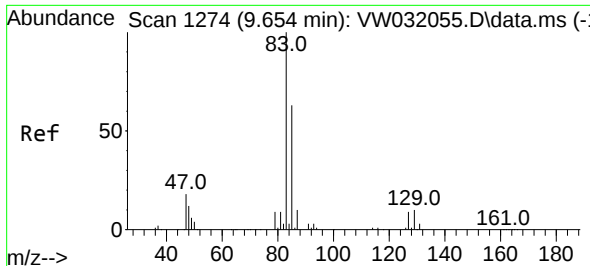
Tgt Ion: 63 Resp: 50638
Ion Ratio Lower Upper
63 100
65 30.6 24.6 36.8



#46
Dibromomethane
Concen: 20.610 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 93 Resp: 34565
Ion Ratio Lower Upper
93 100
95 82.8 65.3 97.9
174 86.6 68.6 102.8

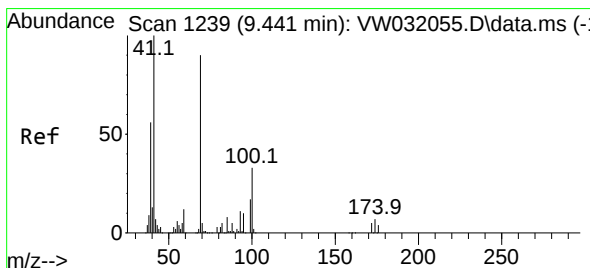
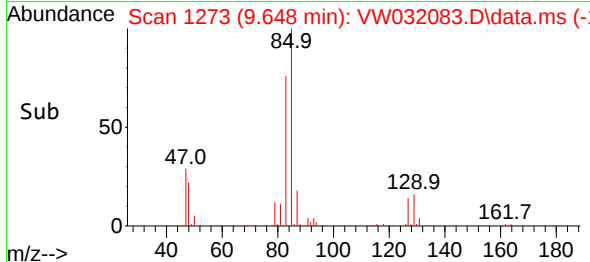
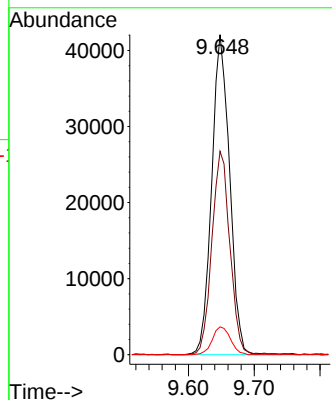
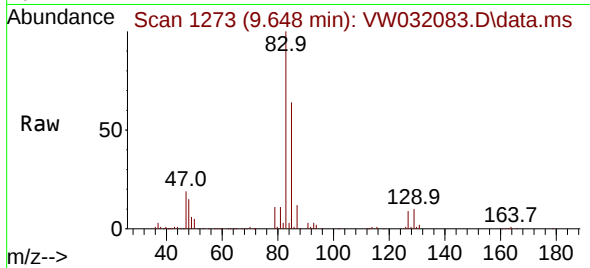




#47
Bromodichloromethane
Concen: 20.621 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

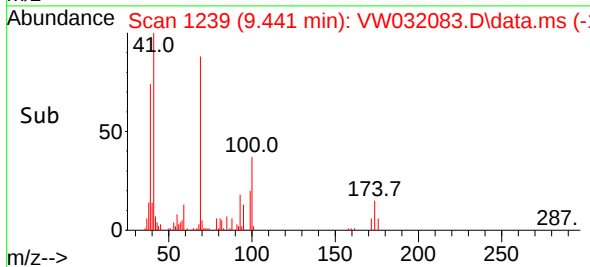
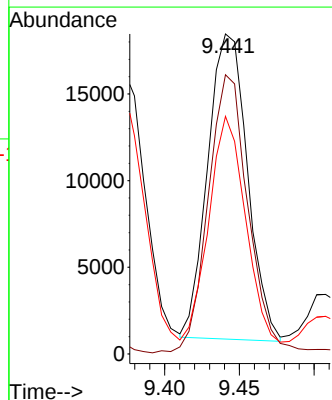
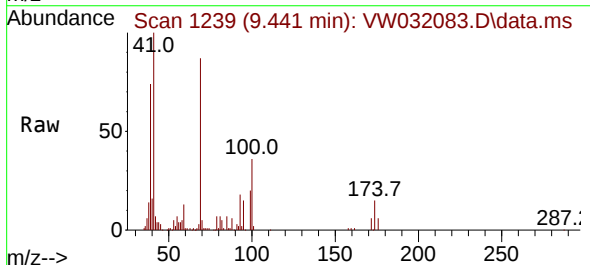
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

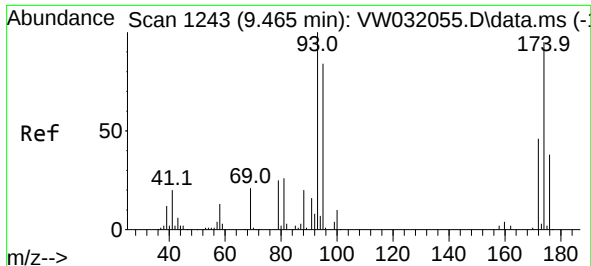
Tgt Ion: 83 Resp: 79691
Ion Ratio Lower Upper
83 100
85 63.5 50.6 75.8
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 17.966 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 41 Resp: 32521
Ion Ratio Lower Upper
41 100
69 93.1 73.0 109.6
39 68.4 45.0 67.4





#49

1,4-Dioxane

Concen: 387.463 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

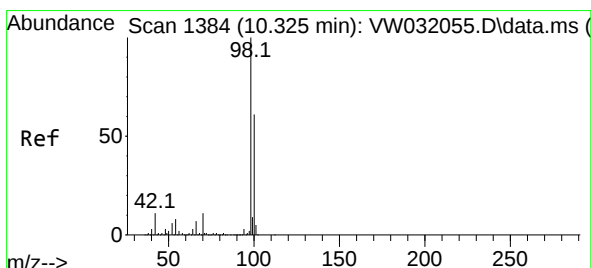
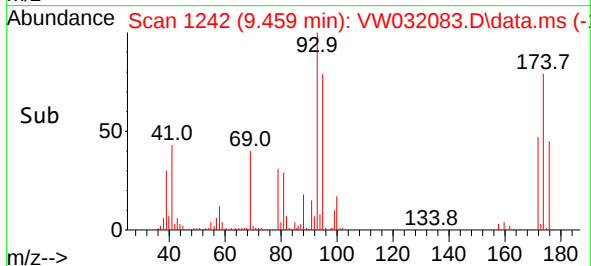
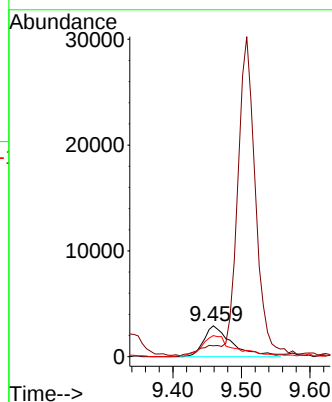
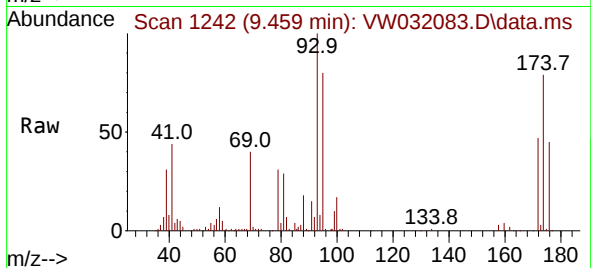
Tgt Ion: 88 Resp: 8402

Ion Ratio Lower Upper

88 100

43 0.0 20.6 30.8#

58 80.8 60.4 90.6



#50

Toluene-d8

Concen: 50.113 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032083.D

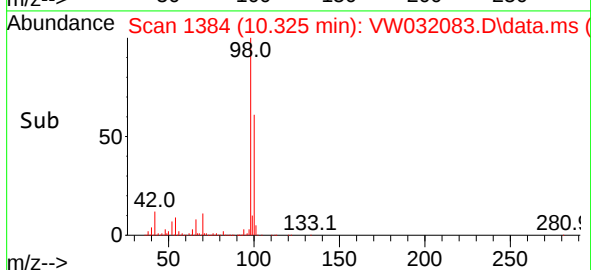
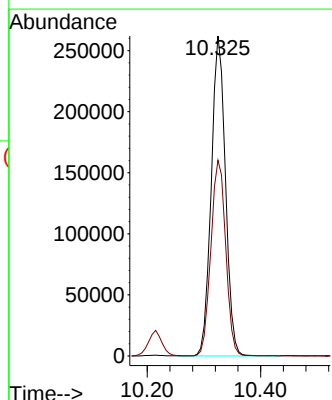
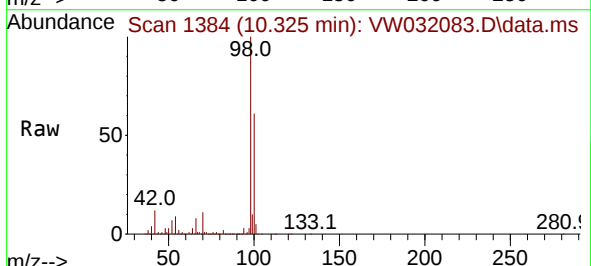
Acq: 14 Aug 2025 10:58

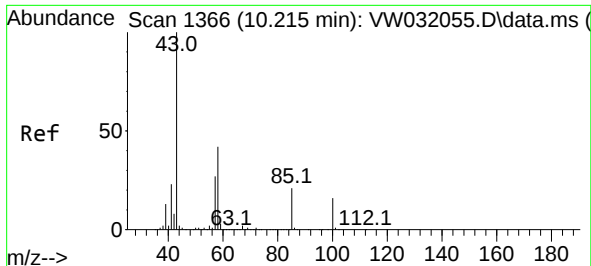
Tgt Ion: 98 Resp: 454977

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7

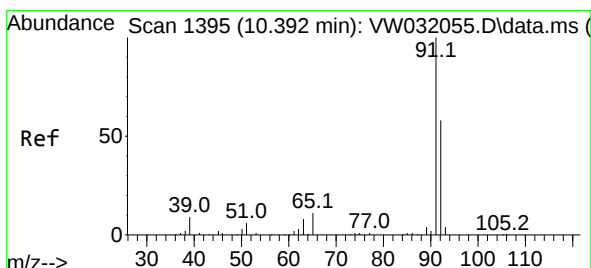
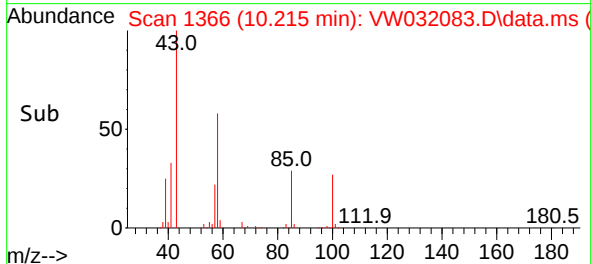
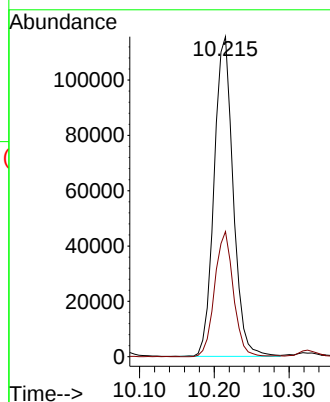
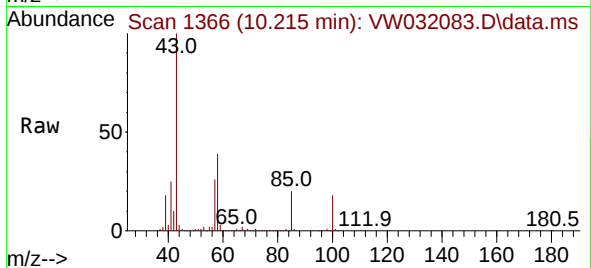




#51
4-Methyl-2-Pentanone
Concen: 96.913 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

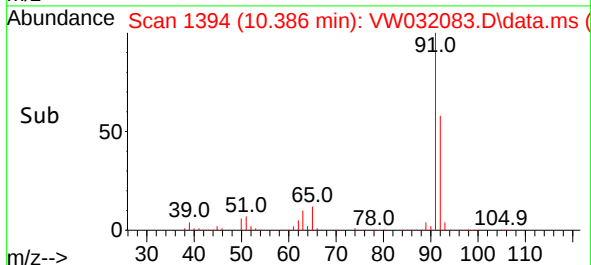
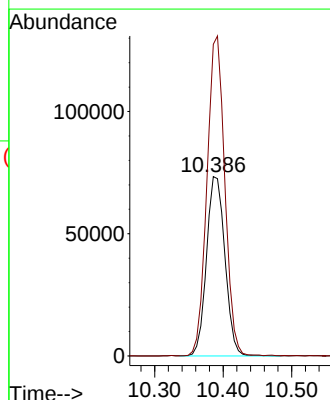
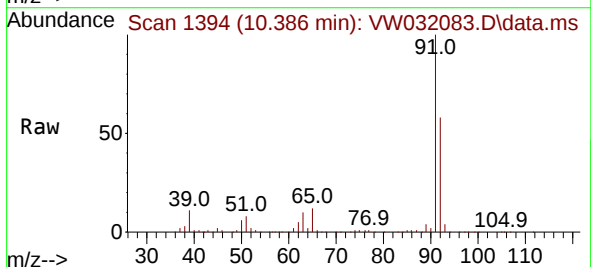
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

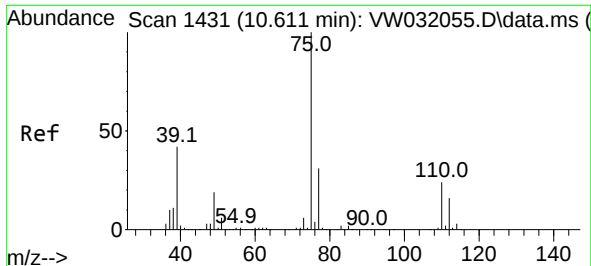
Tgt Ion: 43 Resp: 205106
Ion Ratio Lower Upper
43 100
58 38.5 33.1 49.7



#52
Toluene
Concen: 20.277 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 92 Resp: 137378
Ion Ratio Lower Upper
92 100
91 172.5 136.3 204.5

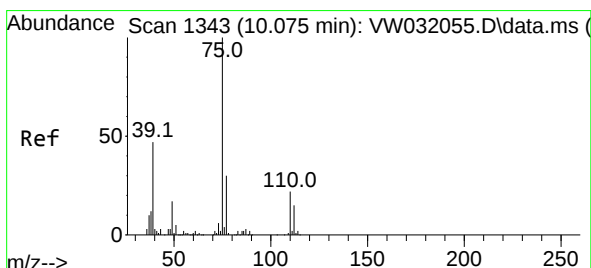
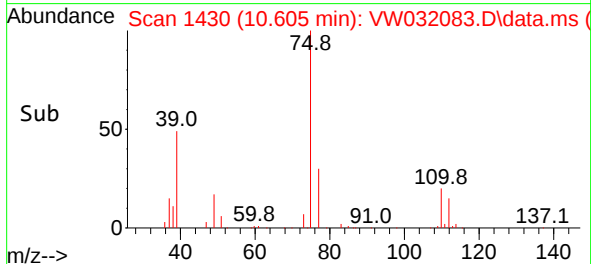
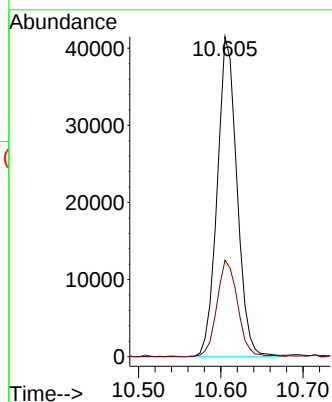
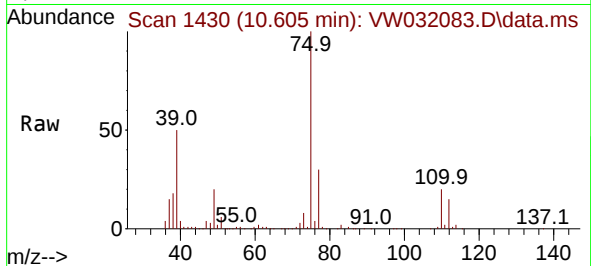




#53
 t-1,3-Dichloropropene
 Concen: 19.147 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

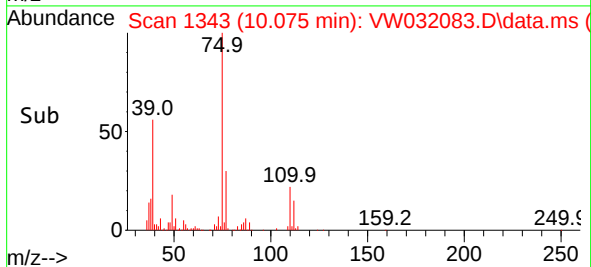
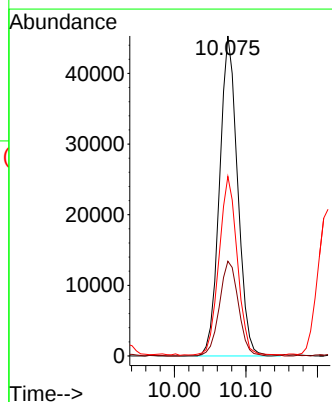
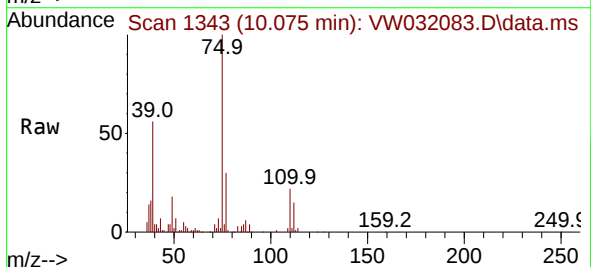
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

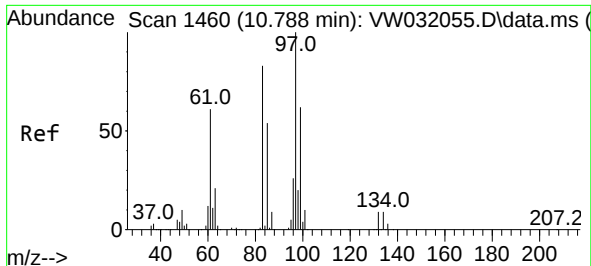
Tgt Ion: 75 Resp: 69323
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.350 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

Tgt Ion: 75 Resp: 79480
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.0 36.0
 39 55.9 37.8 56.8

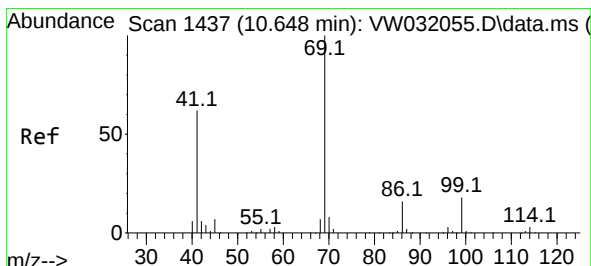
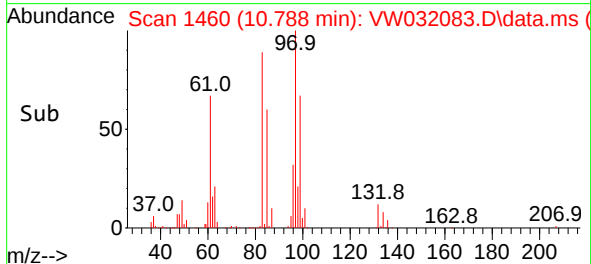
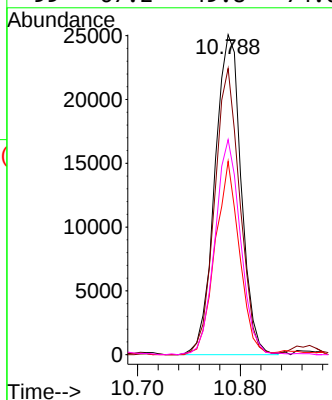
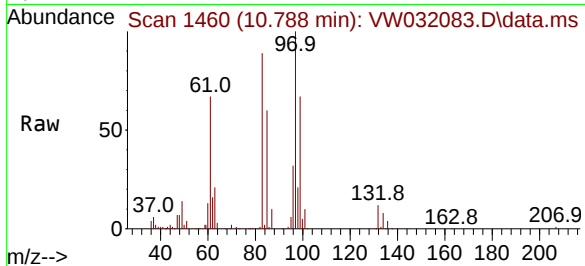




#55
1,1,2-Trichloroethane
Concen: 20.001 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

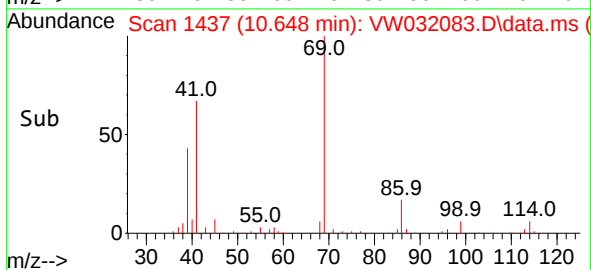
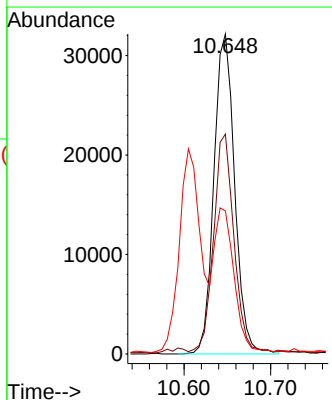
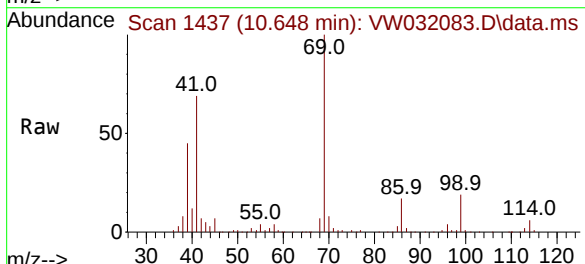
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

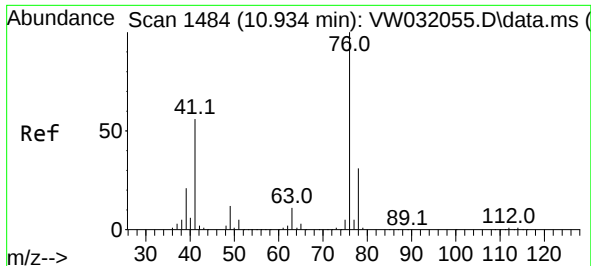
Tgt Ion:	97	Resp:	44575
Ion	Ratio	Lower	Upper
97	100		
83	89.4	66.4	99.6
85	60.4	43.1	64.7
99	67.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 17.973 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion:	69	Resp:	53600
Ion	Ratio	Lower	Upper
69	100		
41	66.3	51.2	76.8
39	41.7	25.4	38.0





#57

1,3-Dichloropropane

Concen: 19.038 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

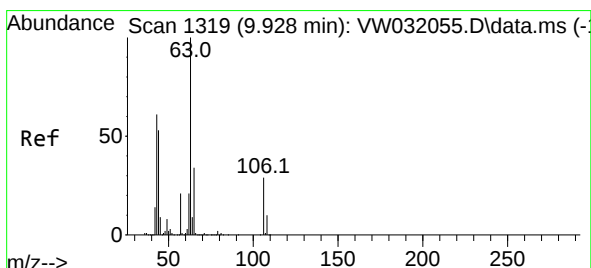
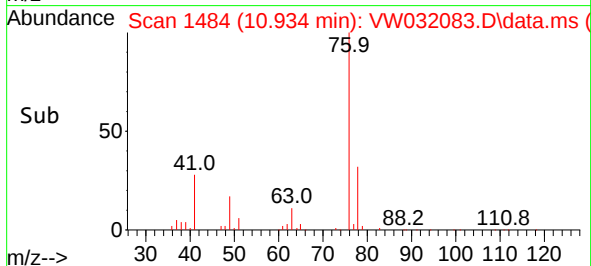
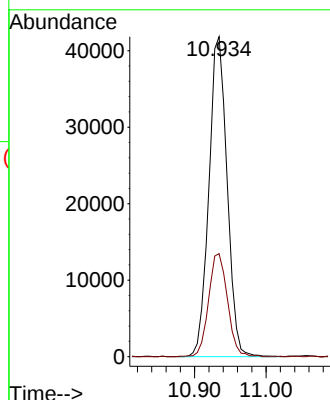
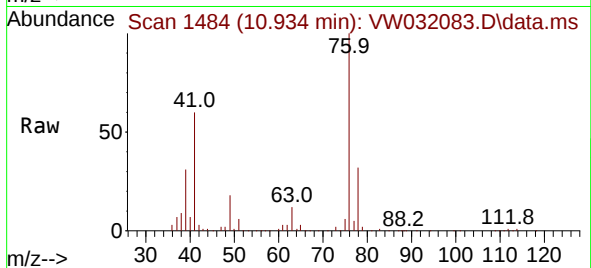
VW0814SBSD01

Tgt Ion: 76 Resp: 73958

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.504 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032083.D

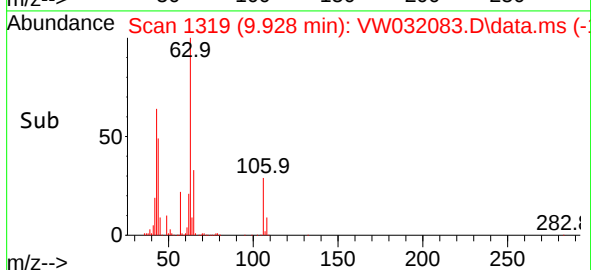
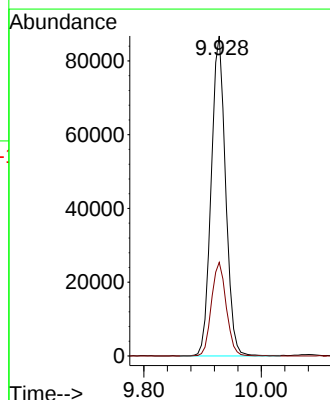
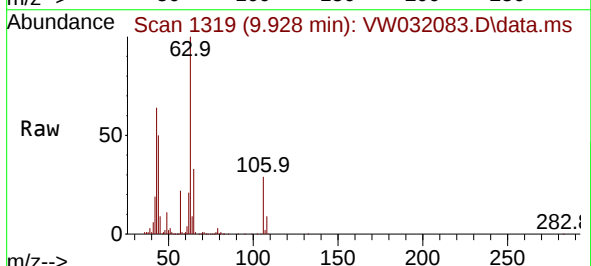
Acq: 14 Aug 2025 10:58

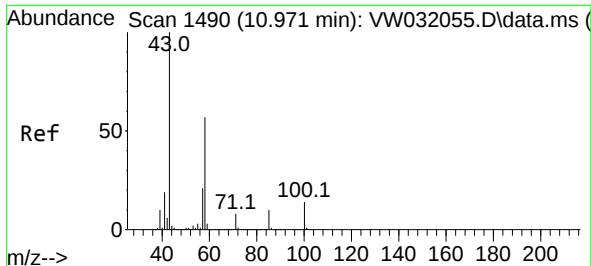
Tgt Ion: 63 Resp: 147647

Ion Ratio Lower Upper

63 100

106 30.0 23.5 35.3

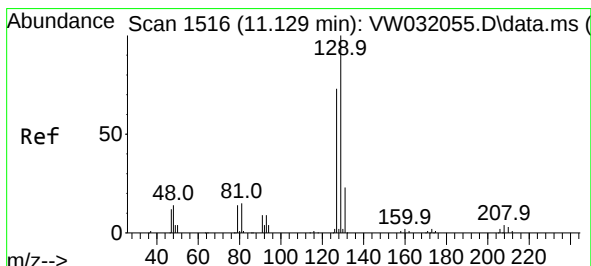
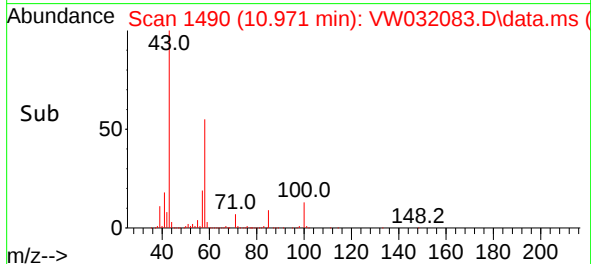
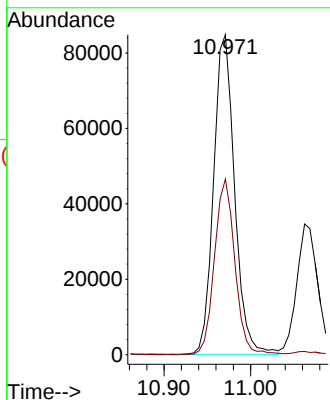
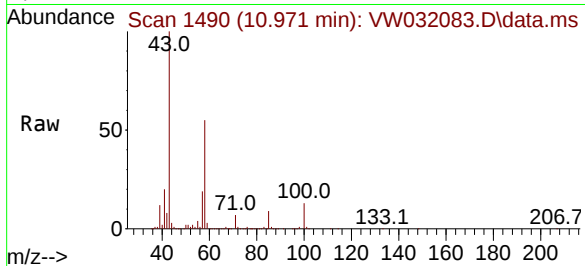




#59
2-Hexanone
Concen: 97.375 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

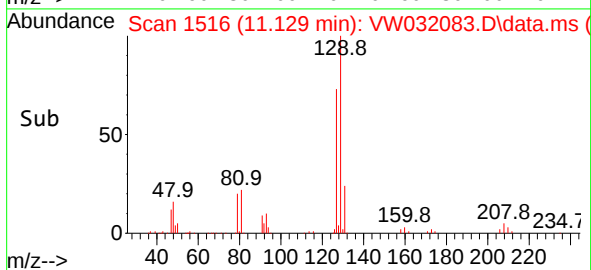
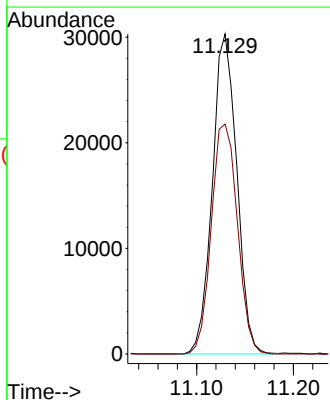
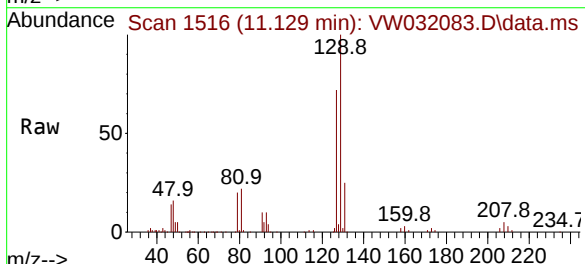
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

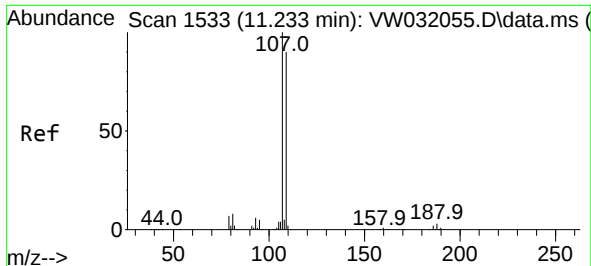
Tgt Ion: 43 Resp: 142726
Ion Ratio Lower Upper
43 100
58 53.4 28.3 85.0



#60
Dibromochloromethane
Concen: 20.855 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 129 Resp: 53091
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9

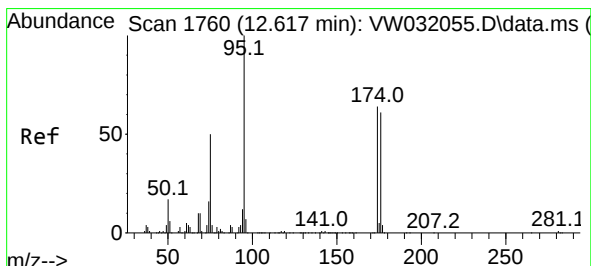
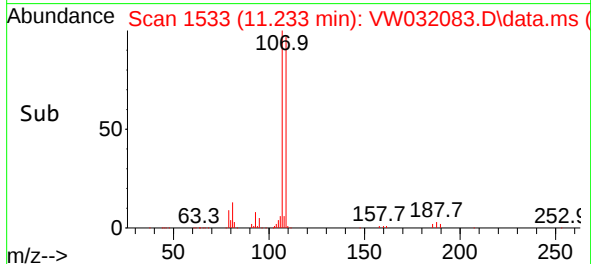
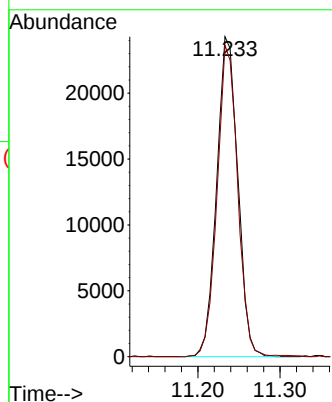
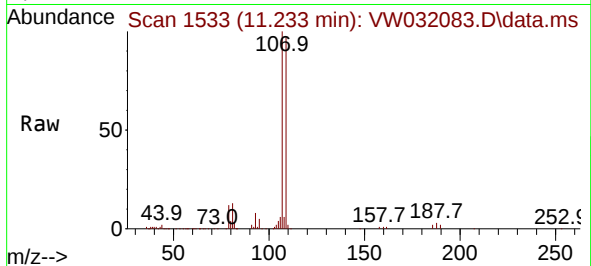




#61
1,2-Dibromoethane
Concen: 19.998 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

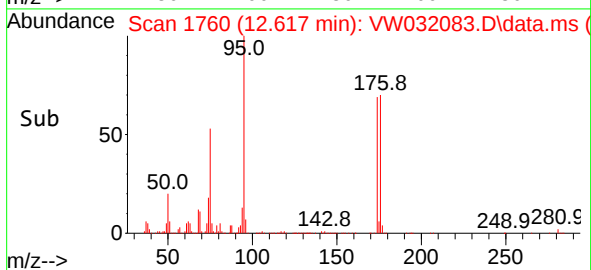
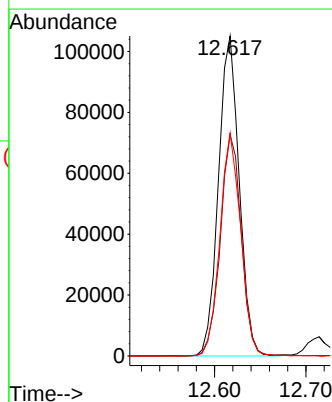
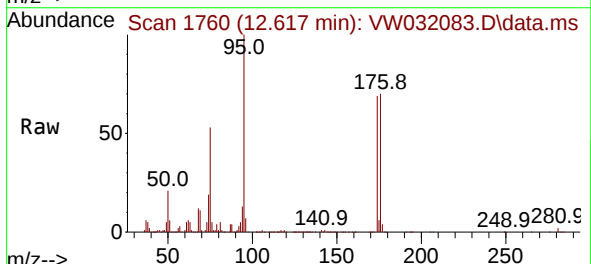
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

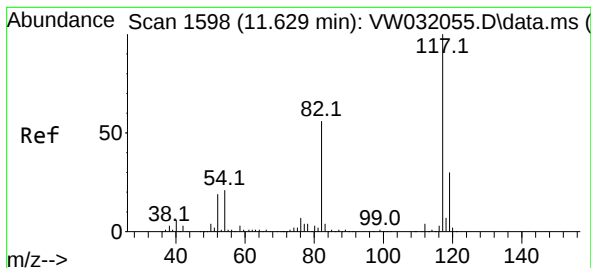
Tgt Ion:107 Resp: 43311
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.621 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 95 Resp: 166018
Ion Ratio Lower Upper
95 100
174 69.7 0.0 129.0
176 69.9 0.0 124.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

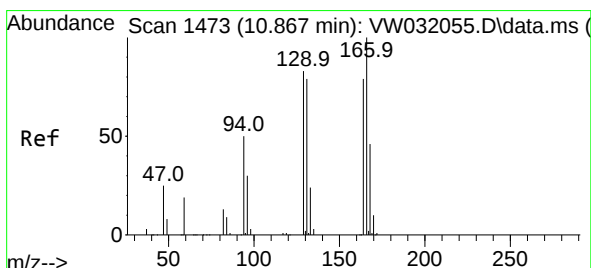
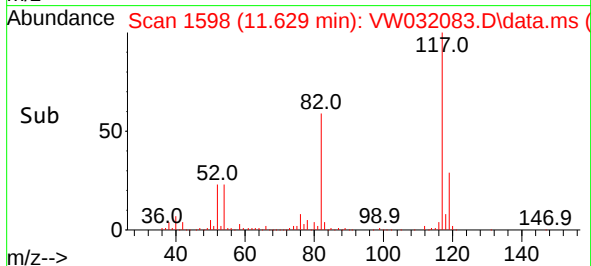
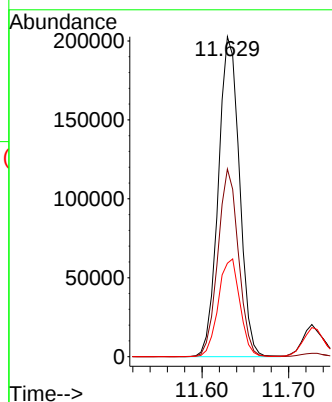
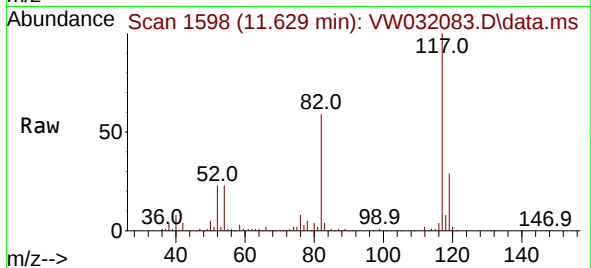
Tgt Ion:117 Resp: 343089

Ion Ratio Lower Upper

117 100

82 58.6 45.0 67.4

119 29.2 24.2 36.4



#64

Tetrachloroethene

Concen: 22.056 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Tgt Ion:164 Resp: 43709

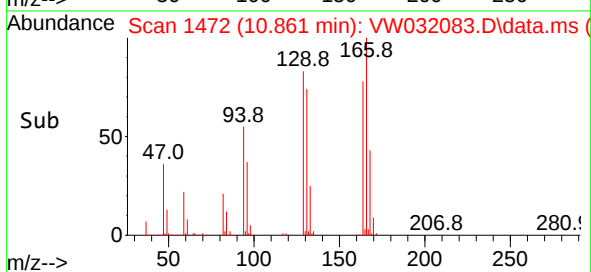
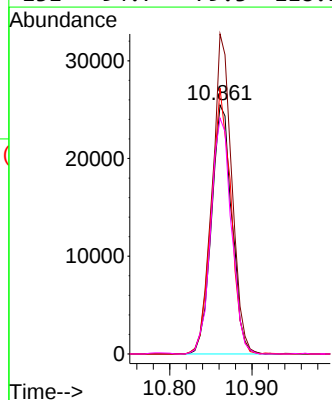
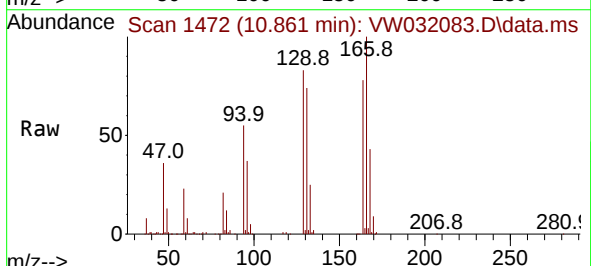
Ion Ratio Lower Upper

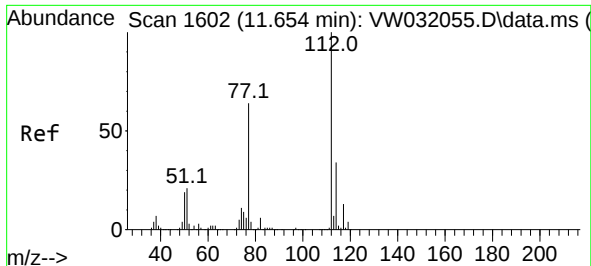
164 100

166 128.5 100.9 151.3

129 106.7 83.6 125.4

131 94.7 79.3 118.9

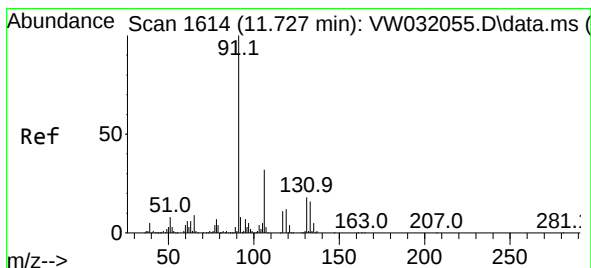
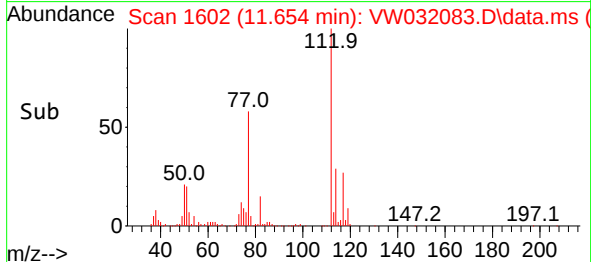
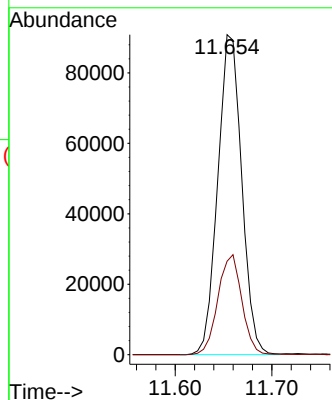
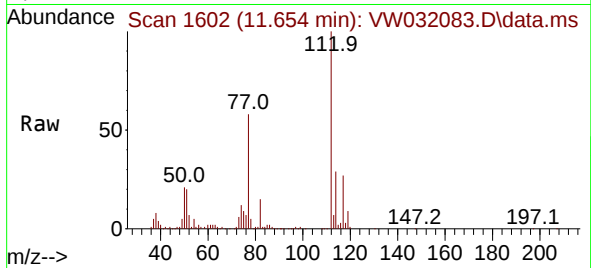




#65
Chlorobenzene
Concen: 20.880 ug/l
RT: 11.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

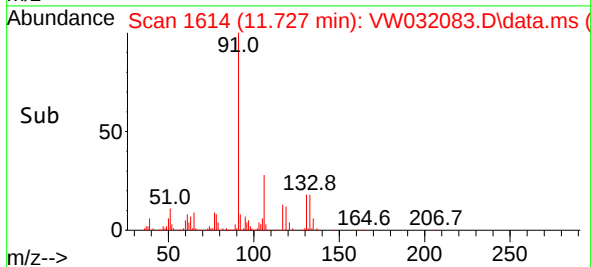
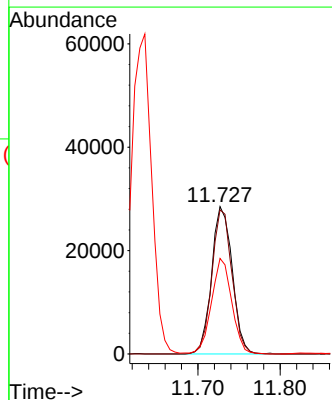
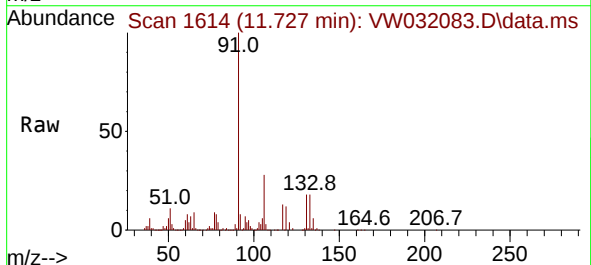
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

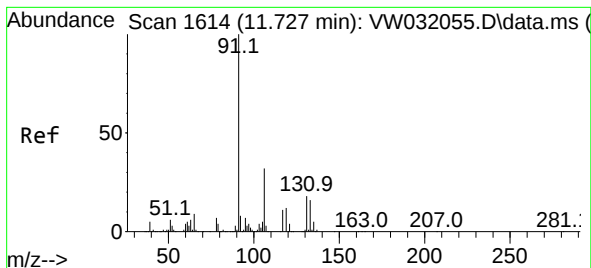
Tgt Ion:112 Resp: 155926
Ion Ratio Lower Upper
112 100
114 29.2 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.380 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion:131 Resp: 49815
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 63.5 34.5 103.5

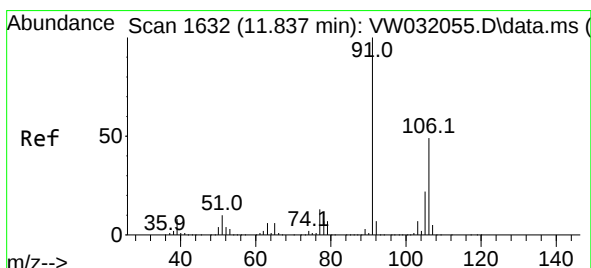
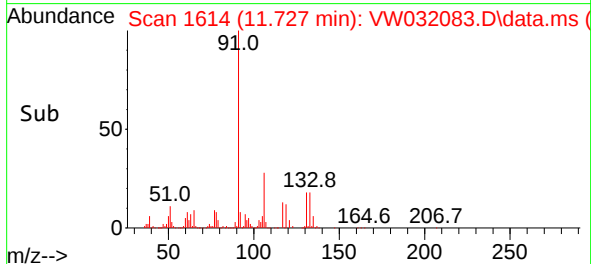
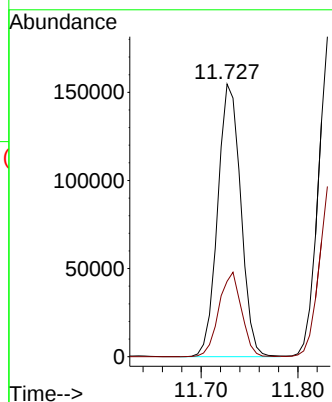
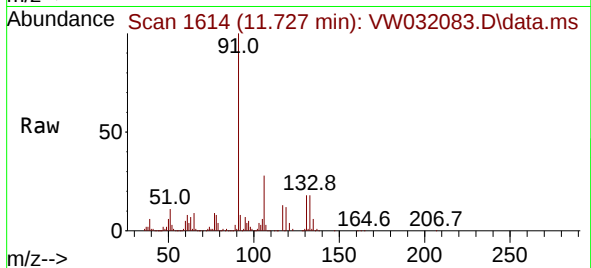




#67
Ethyl Benzene
Concen: 20.251 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

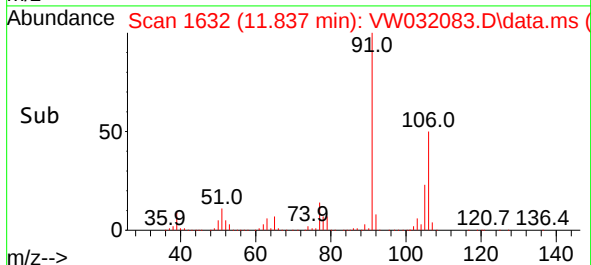
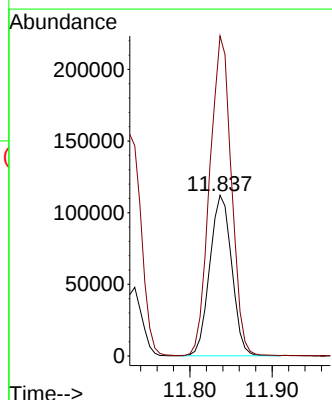
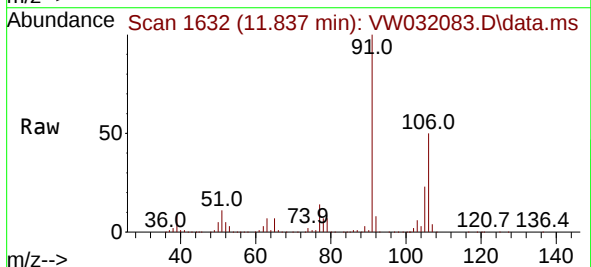
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

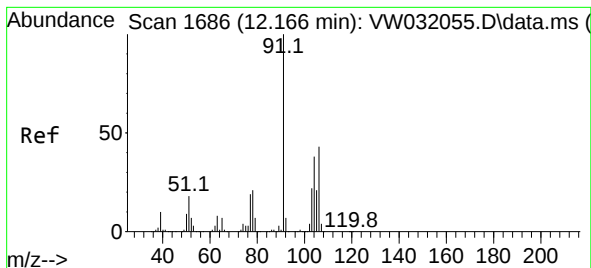
Tgt Ion: 91 Resp: 256167
Ion Ratio Lower Upper
91 100
106 27.6 25.4 38.0



#68
m/p-Xylenes
Concen: 42.582 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 106 Resp: 207846
Ion Ratio Lower Upper
106 100
91 197.5 162.2 243.2





#69

o-Xylene

Concen: 21.160 ug/l

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

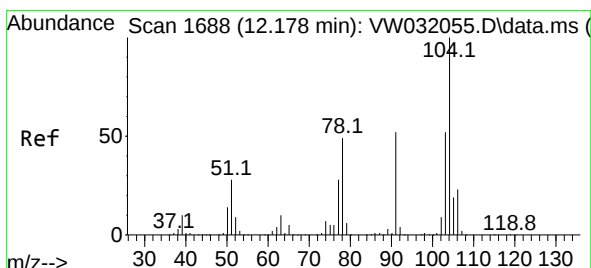
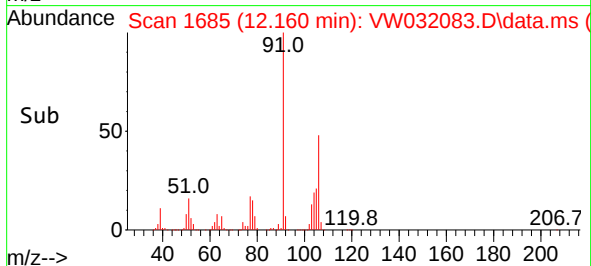
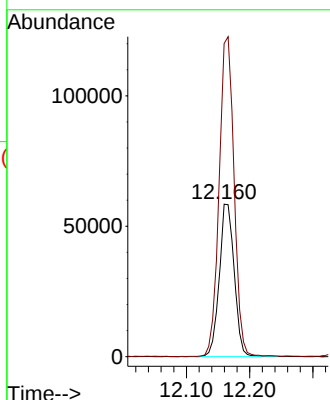
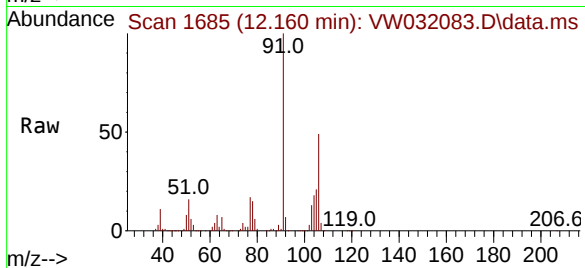
VW0814SBSD01

Tgt Ion:106 Resp: 95460

Ion Ratio Lower Upper

106 100

91 211.0 110.8 332.3



#70

Styrene

Concen: 20.463 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

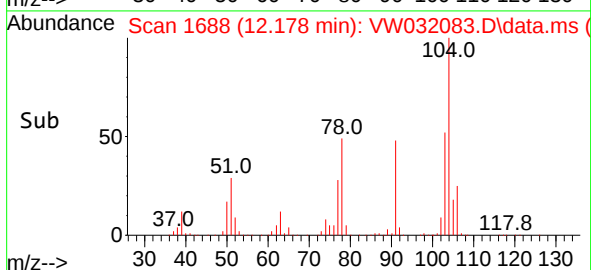
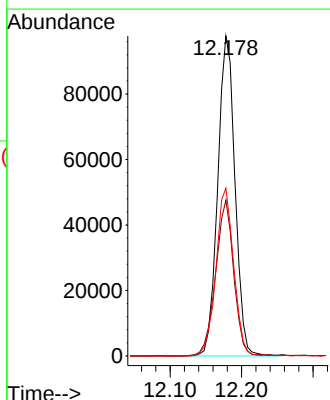
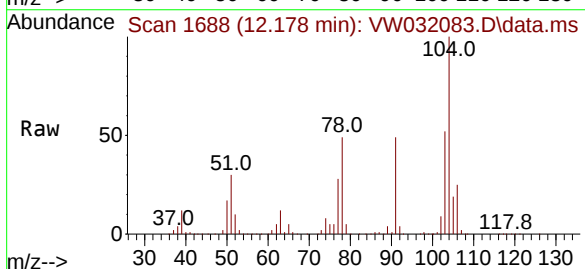
Tgt Ion:104 Resp: 163976

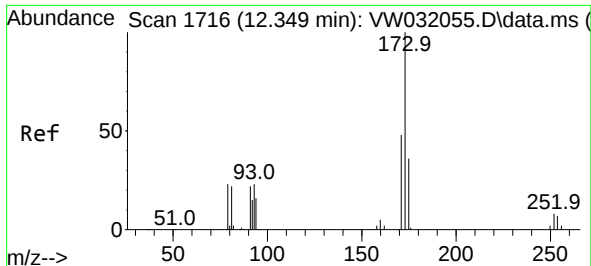
Ion Ratio Lower Upper

104 100

78 51.1 41.2 61.8

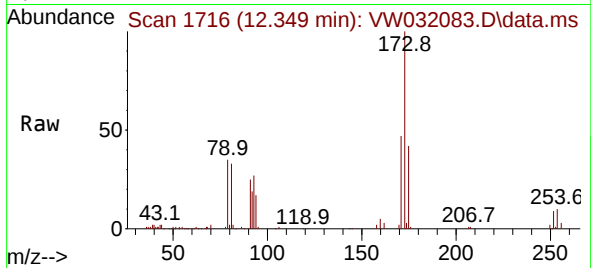
103 53.7 43.8 65.8



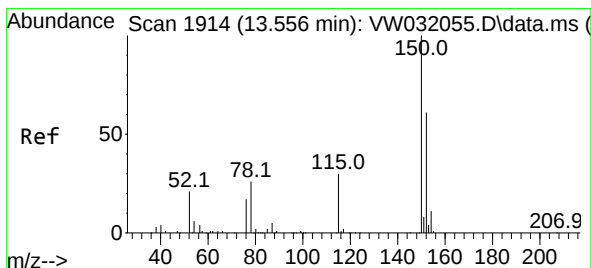
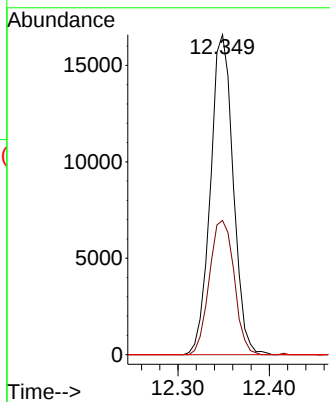
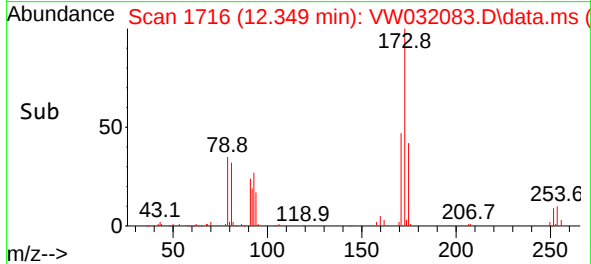


#71
Bromoform
Concen: 21.543 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

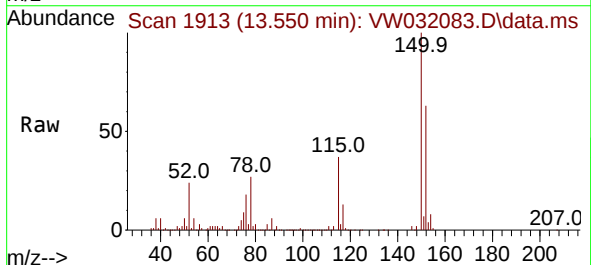
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01



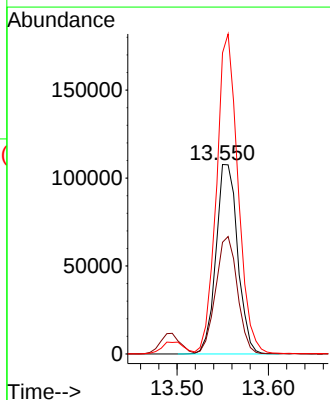
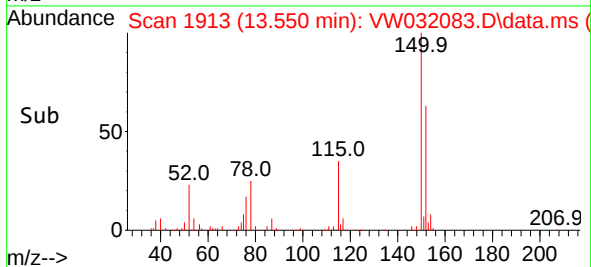
Tgt Ion:173 Resp: 28712
Ion Ratio Lower Upper
173 100
175 45.7 22.9 68.7
254 0.0 0.0 0.0

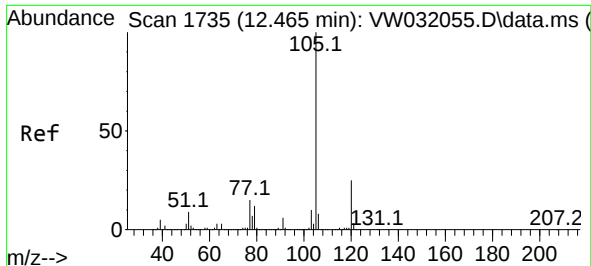


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.550 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58



Tgt Ion:152 Resp: 177605
Ion Ratio Lower Upper
152 100
115 62.3 32.6 97.8
150 167.8 0.0 359.4

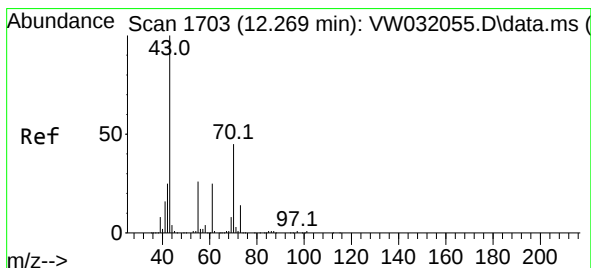
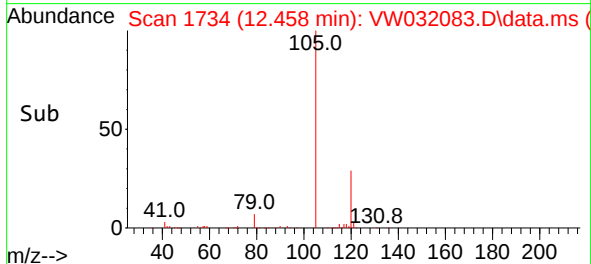
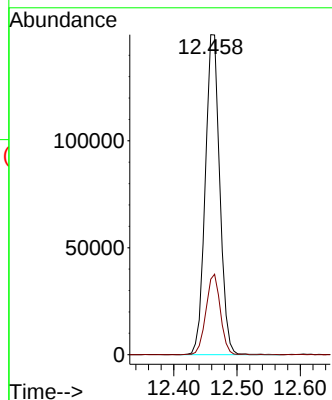
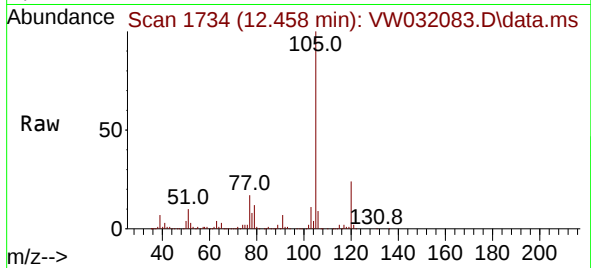




#73
Isopropylbenzene
Concen: 19.223 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

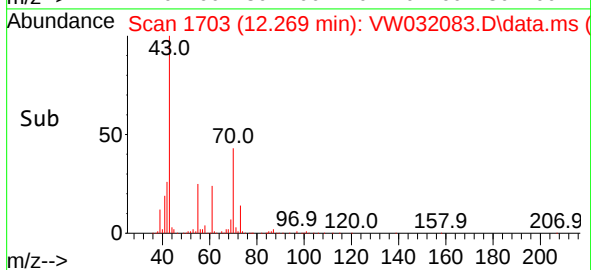
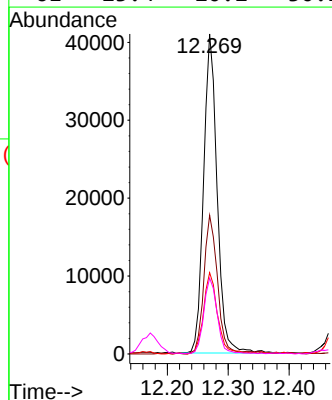
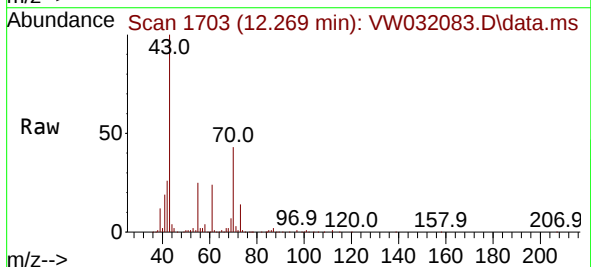
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

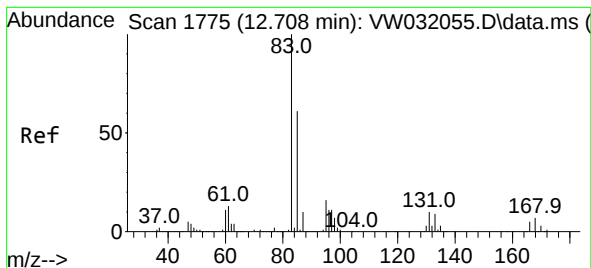
Tgt Ion:105 Resp: 238599
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4



#74
N-ethyl acetate
Concen: 17.822 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 43 Resp: 63466
Ion Ratio Lower Upper
43 100
70 43.4 37.0 55.4
55 26.4 21.1 31.7
61 23.4 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.959 ug/l

RT: 12.714 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

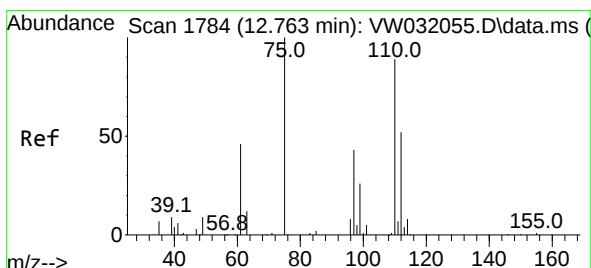
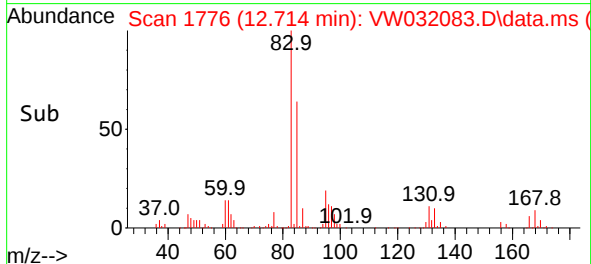
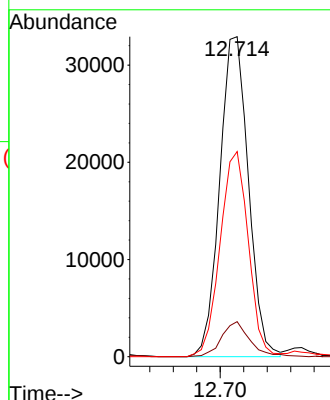
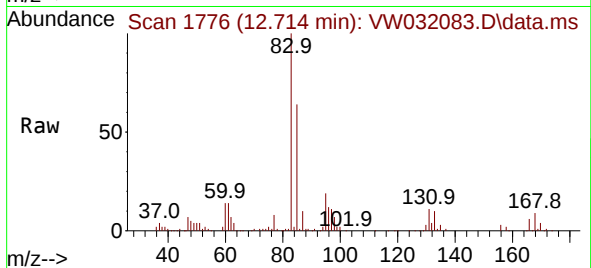
Tgt Ion: 83 Resp: 55872

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

85 63.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 28.190 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW032083.D

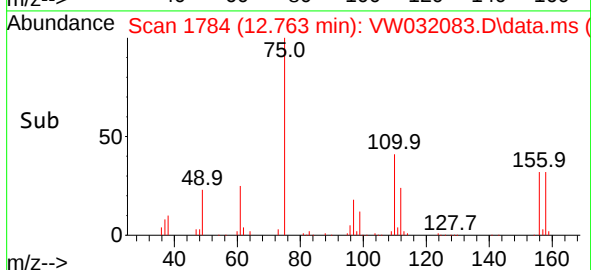
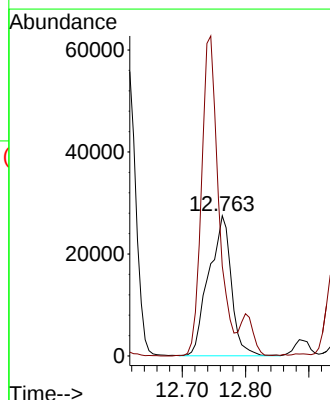
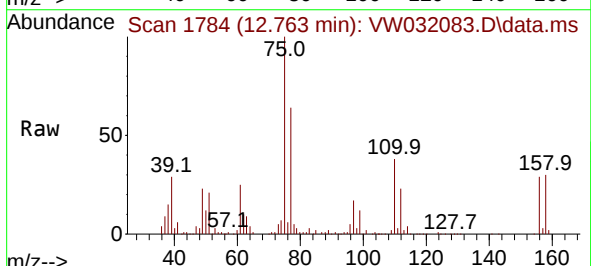
Acq: 14 Aug 2025 10:58

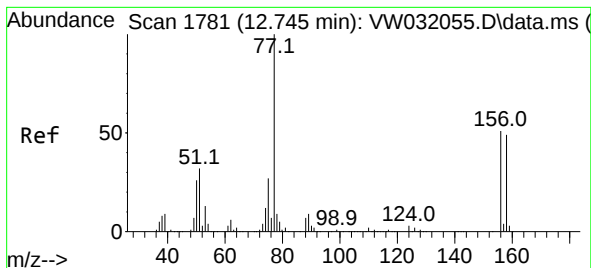
Tgt Ion: 75 Resp: 67951

Ion Ratio Lower Upper

75 100

77 172.6 123.5 370.5





#77

Bromobenzene

Concen: 20.310 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

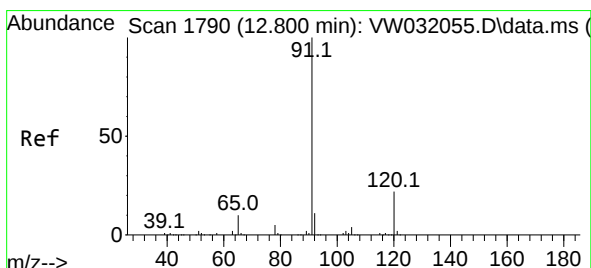
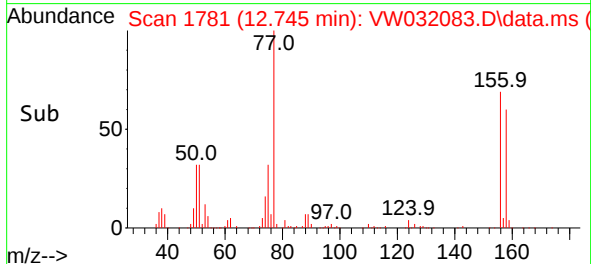
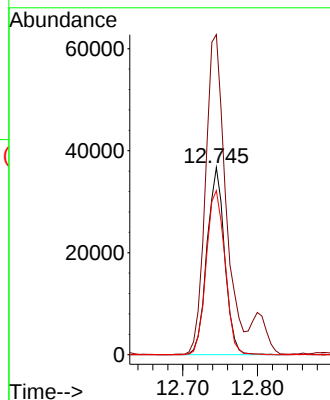
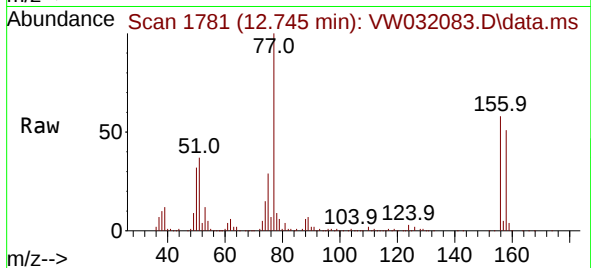
Tgt Ion:156 Resp: 60209

Ion Ratio Lower Upper

156 100

77 194.8 108.7 326.3

158 93.1 48.3 144.9



#78

n-propylbenzene

Concen: 19.766 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032083.D

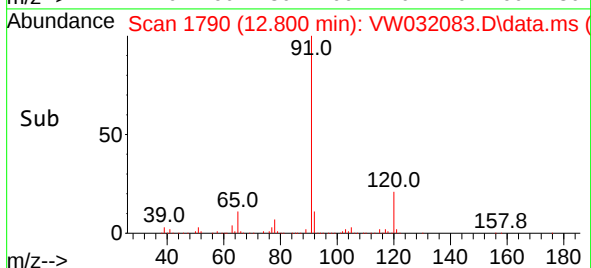
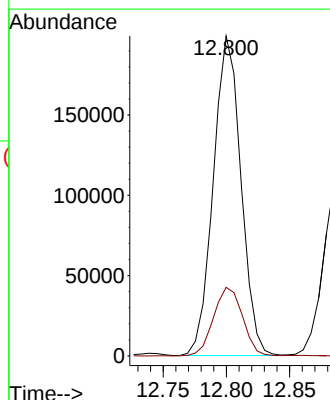
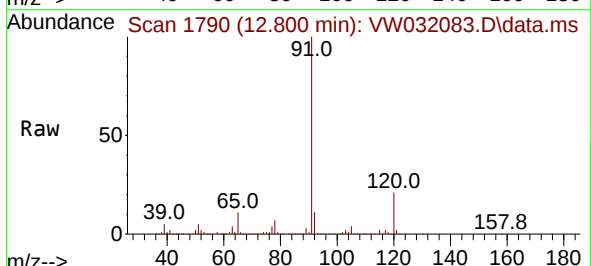
Acq: 14 Aug 2025 10:58

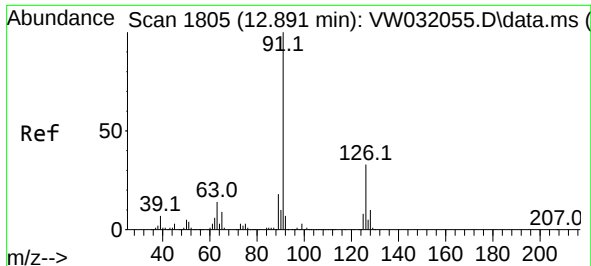
Tgt Ion: 91 Resp: 302042

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.3

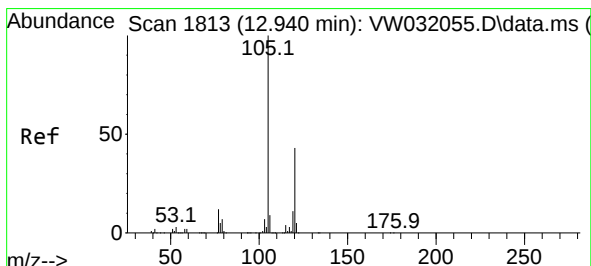
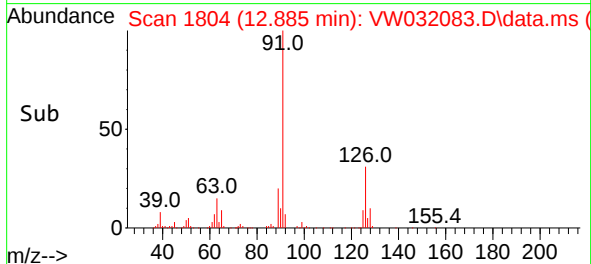
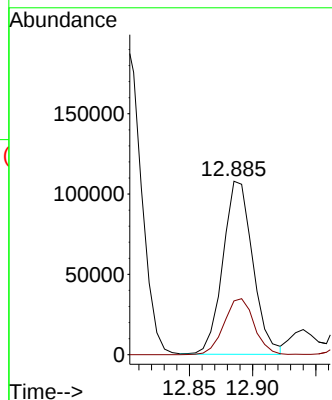
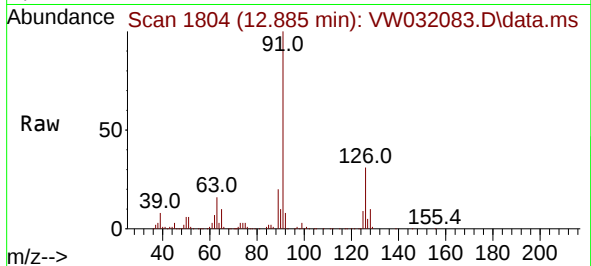




#79
2-Chlorotoluene
Concen: 18.805 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

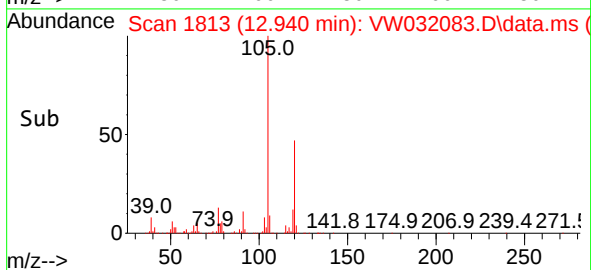
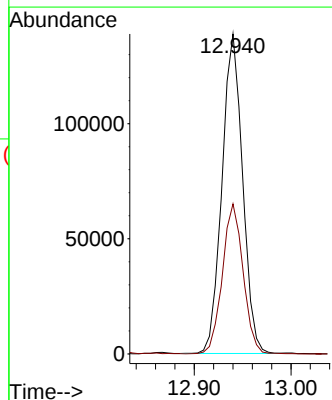
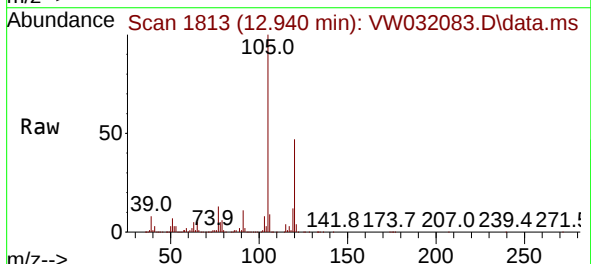
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

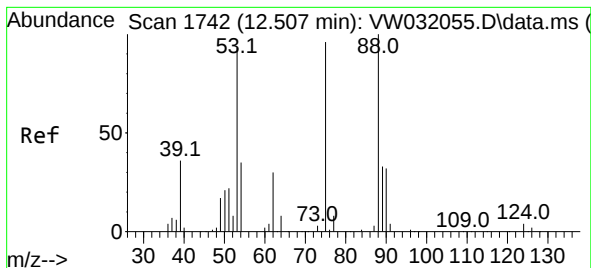
Tgt Ion: 91 Resp: 177356
Ion Ratio Lower Upper
91 100
126 32.7 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 19.461 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 105 Resp: 205070
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.953 ug/l

RT: 12.507 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

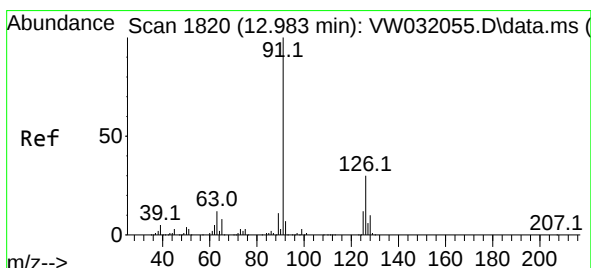
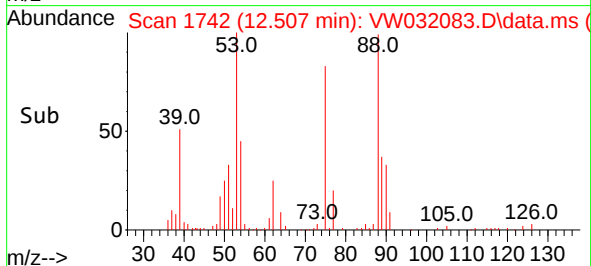
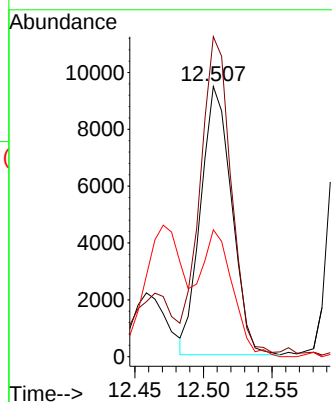
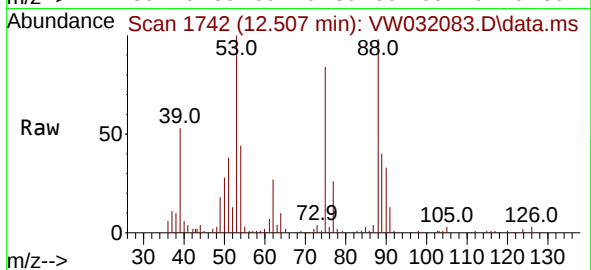
Tgt Ion: 75 Resp: 14854

Ion Ratio Lower Upper

75 100

53 116.8 81.0 121.6

89 49.6 37.3 55.9



#82

4-Chlorotoluene

Concen: 18.722 ug/l

RT: 12.983 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VW032083.D

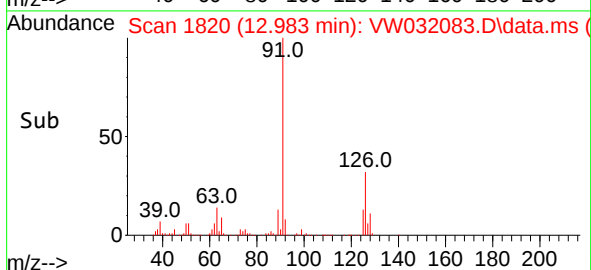
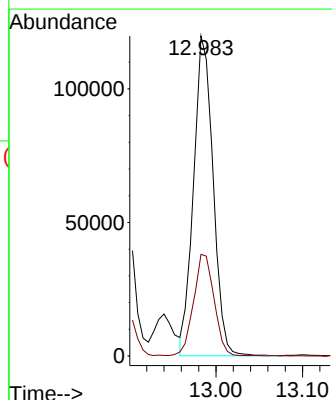
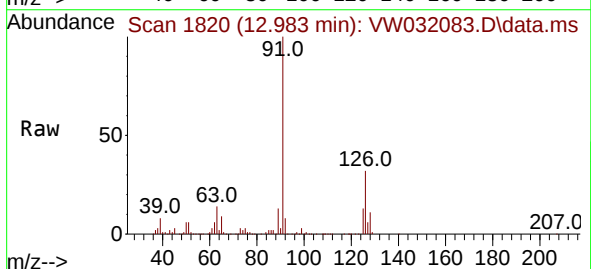
Acq: 14 Aug 2025 10:58

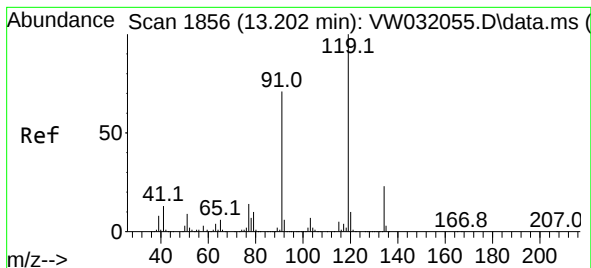
Tgt Ion: 91 Resp: 187599

Ion Ratio Lower Upper

91 100

126 33.4 15.5 46.5

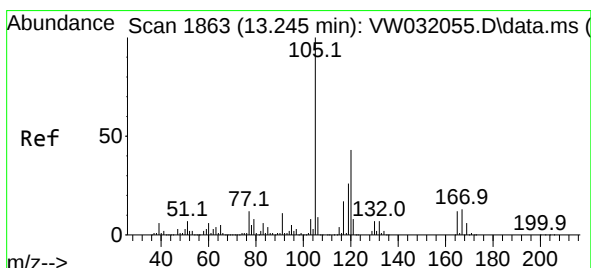
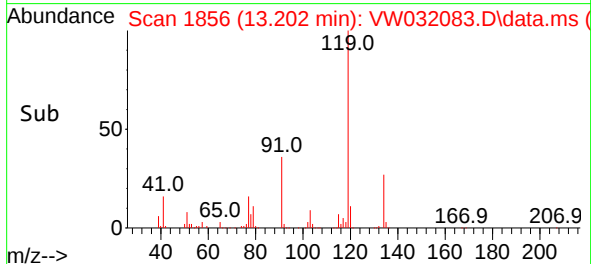
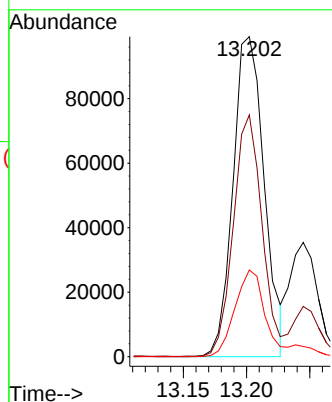
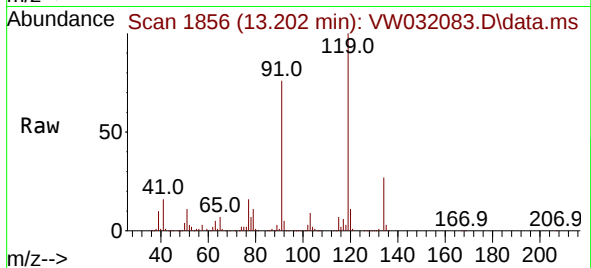




#83
tert-Butylbenzene
Concen: 19.459 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

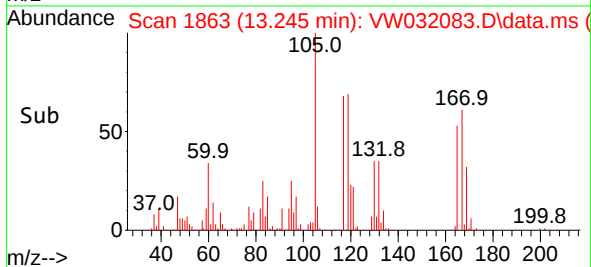
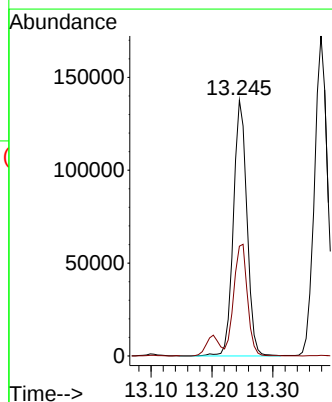
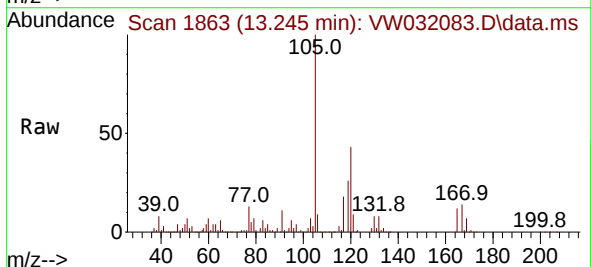
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

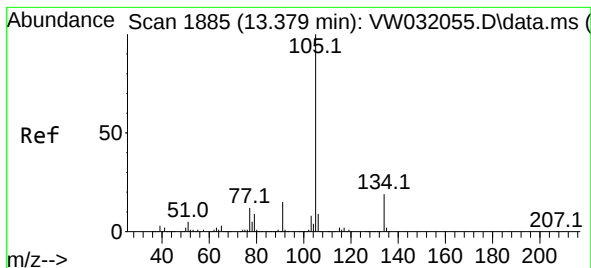
Tgt Ion:119 Resp: 170175
Ion Ratio Lower Upper
119 100
91 69.3 35.3 105.9
134 26.0 12.1 36.3



#84
1,2,4-Trimethylbenzene
Concen: 19.825 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion:105 Resp: 212657
Ion Ratio Lower Upper
105 100
120 44.0 21.6 64.8

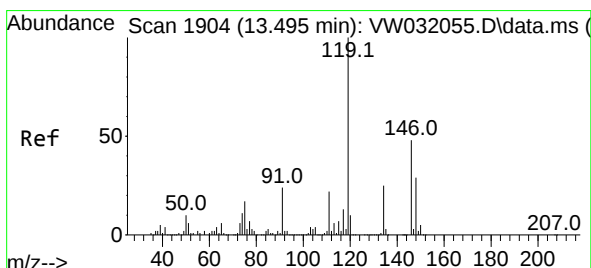
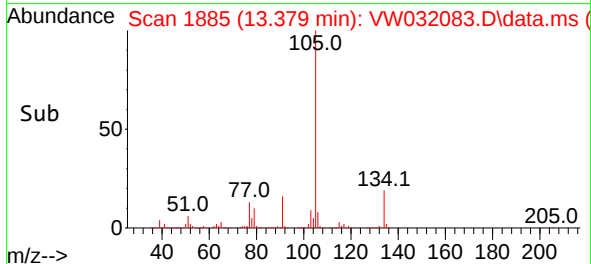
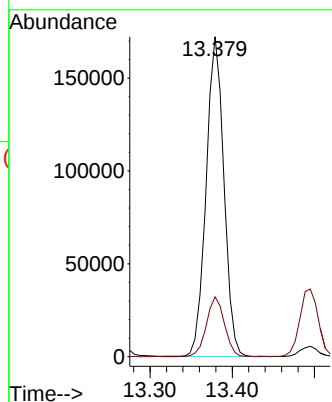
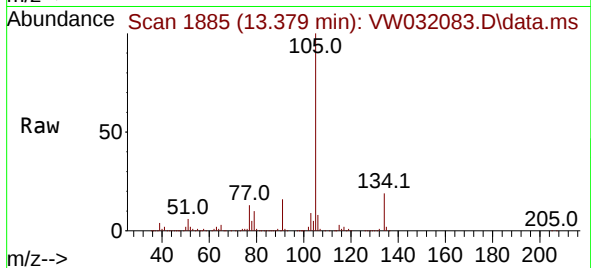




#85
 sec-Butylbenzene
 Concen: 19.547 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

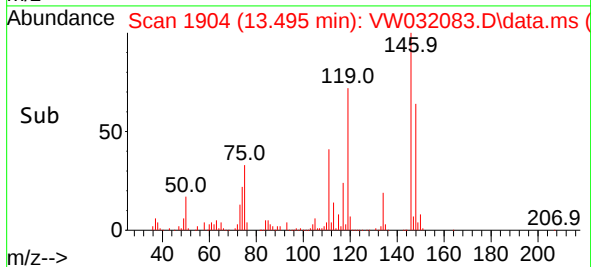
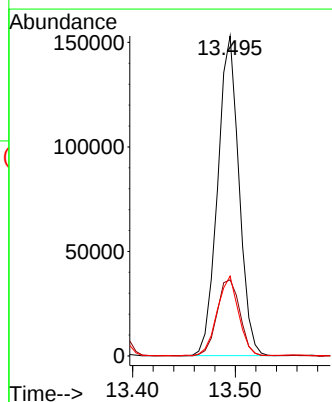
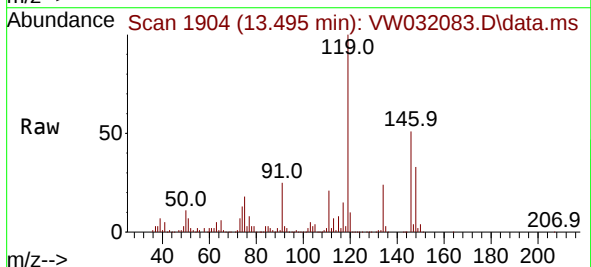
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

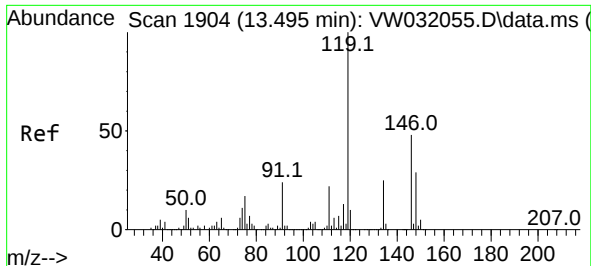
Tgt Ion:105 Resp: 258452
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.978 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032083.D
 Acq: 14 Aug 2025 10:58

Tgt Ion:119 Resp: 220215
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.4 37.0
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.202 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

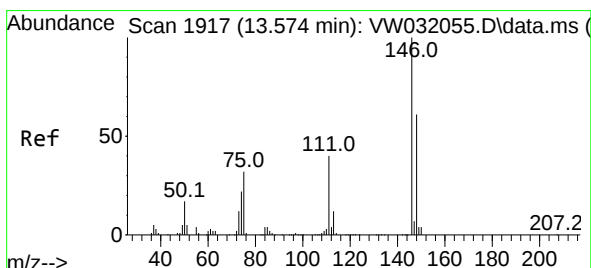
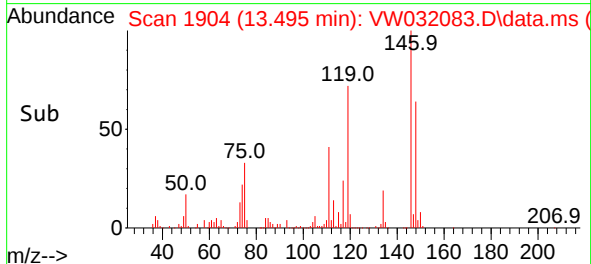
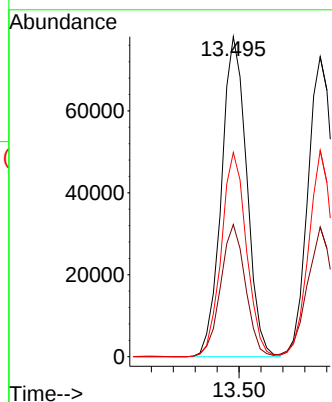
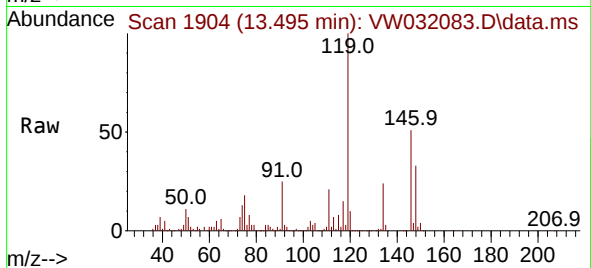
Tgt Ion:146 Resp: 125068

Ion Ratio Lower Upper

146 100

111 40.5 21.2 63.6

148 63.3 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 20.094 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

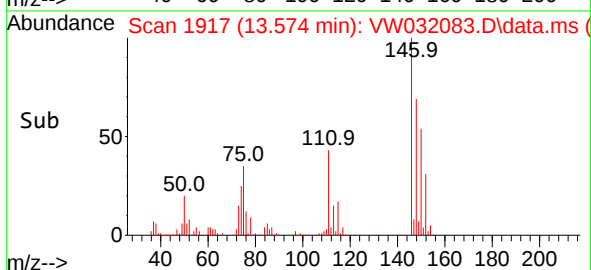
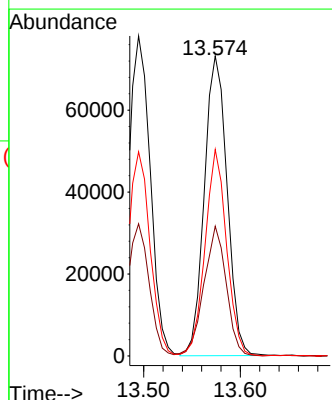
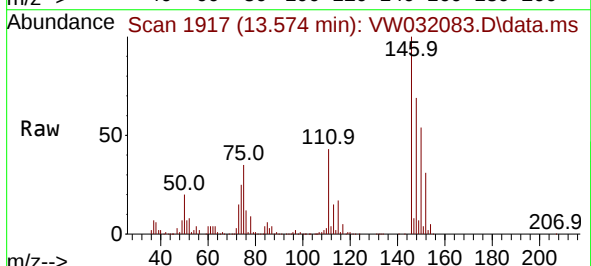
Tgt Ion:146 Resp: 119783

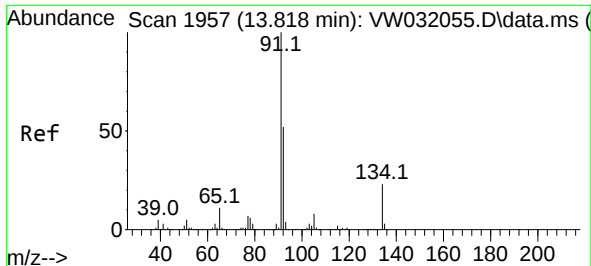
Ion Ratio Lower Upper

146 100

111 42.6 21.6 64.6

148 65.0 32.0 96.2

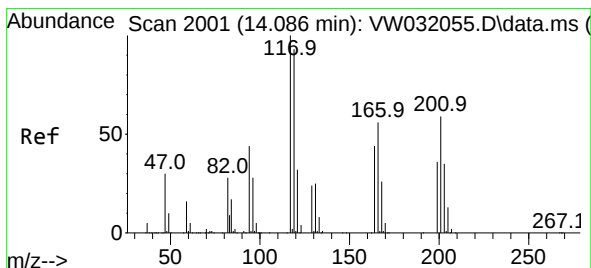
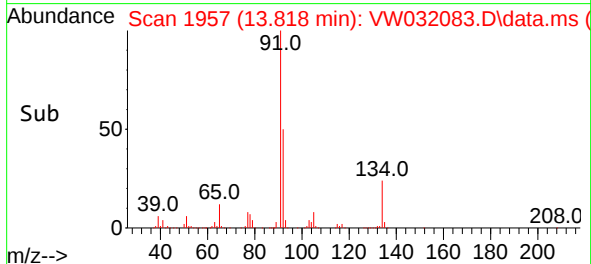
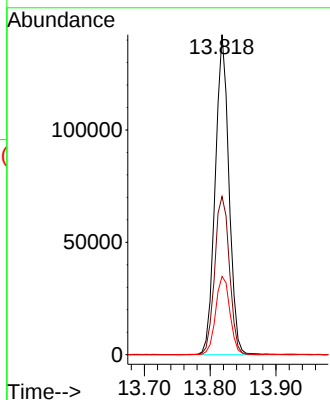
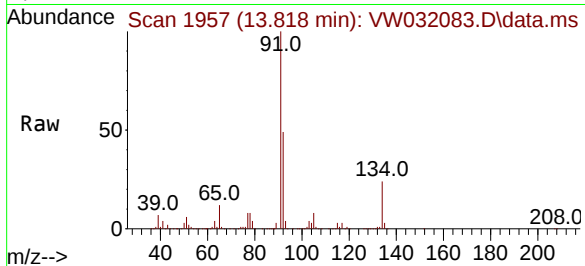




#89
n-Butylbenzene
Concen: 19.344 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

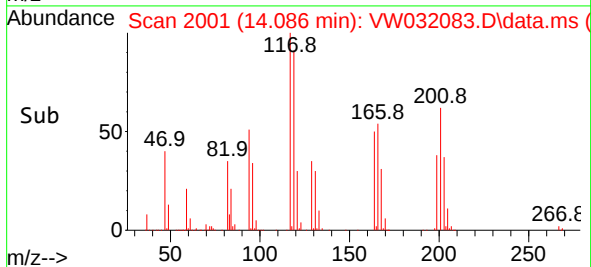
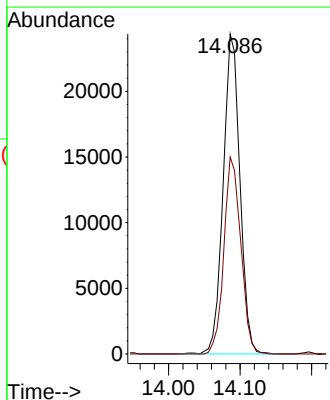
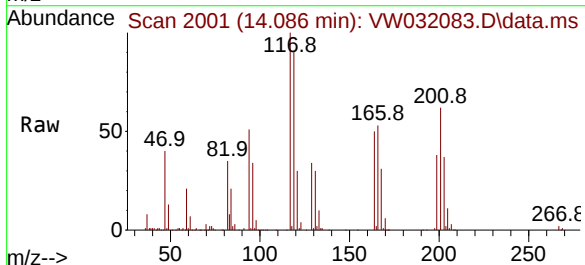
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

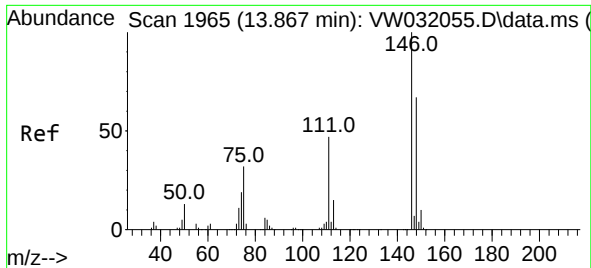
Tgt Ion: 91 Resp: 207148
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 25.5 12.0 36.1



#90
Hexachloroethane
Concen: 19.640 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032083.D
Acq: 14 Aug 2025 10:58

Tgt Ion: 117 Resp: 39591
Ion Ratio Lower Upper
117 100
201 62.3 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 20.266 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

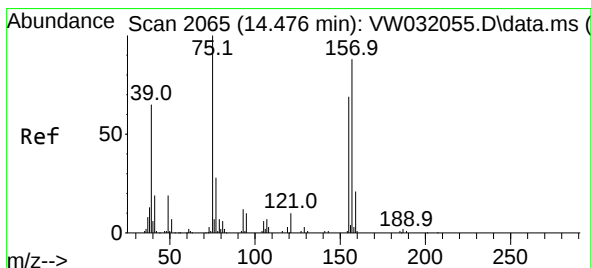
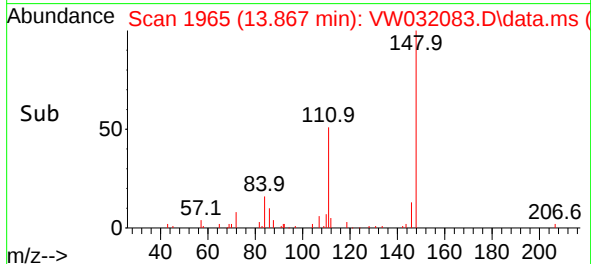
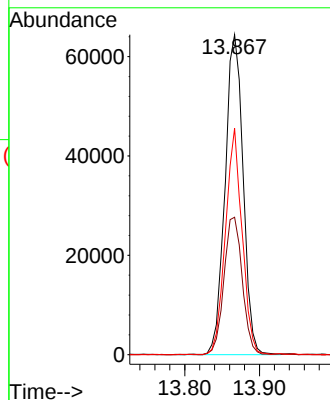
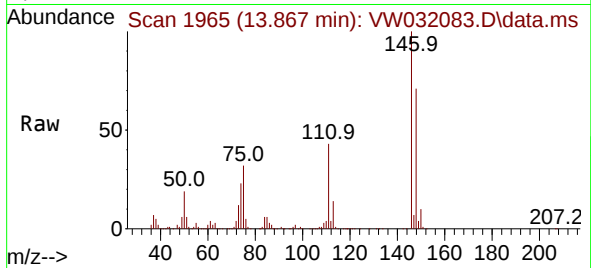
Tgt Ion:146 Resp: 108294

Ion Ratio Lower Upper

146 100

111 43.3 23.1 69.3

148 65.1 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.310 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

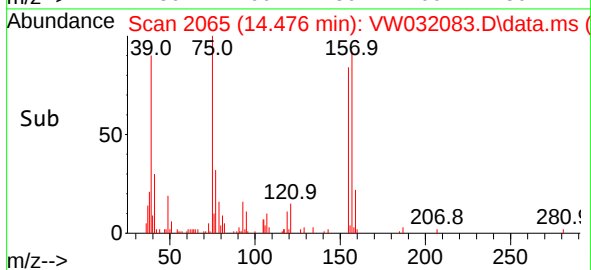
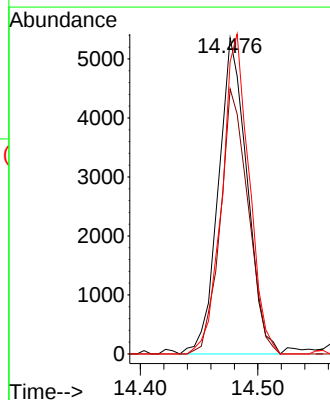
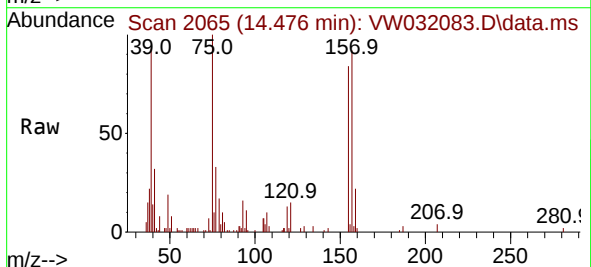
Tgt Ion: 75 Resp: 9069

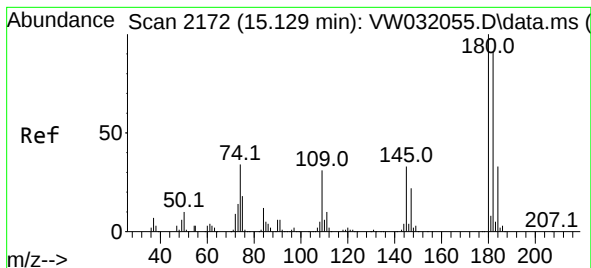
Ion Ratio Lower Upper

75 100

155 81.2 35.2 105.6

157 95.9 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 20.701 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

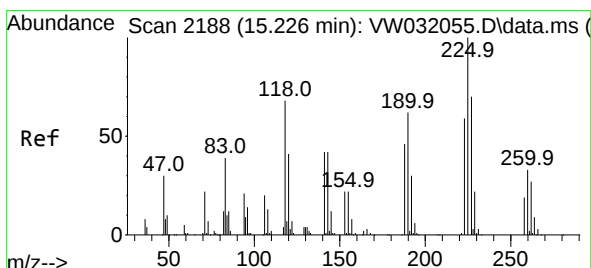
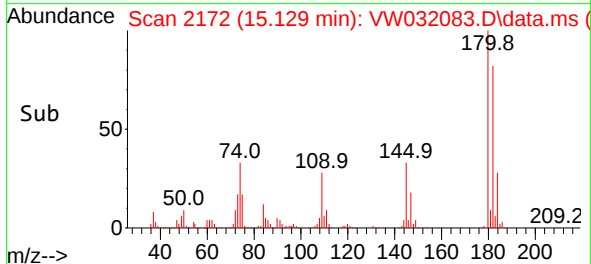
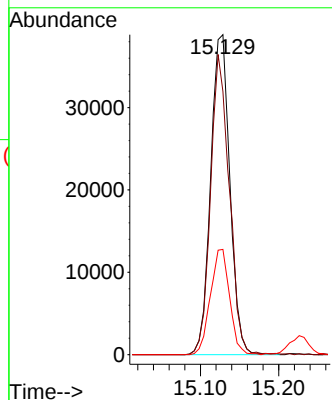
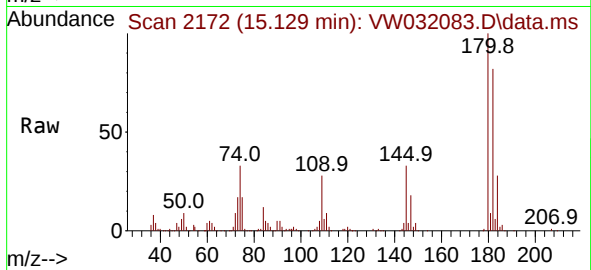
Tgt Ion:180 Resp: 66171

Ion Ratio Lower Upper

180 100

182 91.6 49.0 147.0

145 32.9 17.3 51.9



#94

Hexachlorobutadiene

Concen: 21.148 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

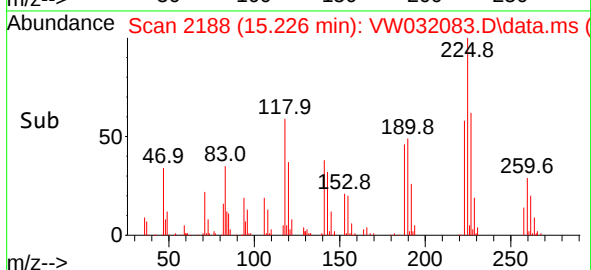
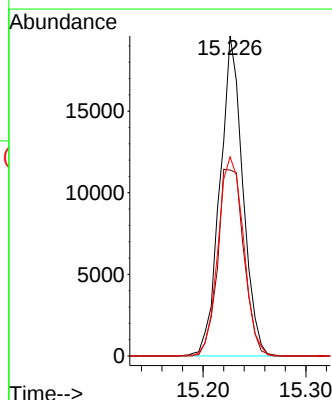
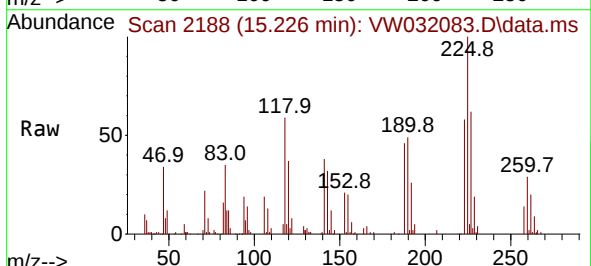
Tgt Ion:225 Resp: 30219

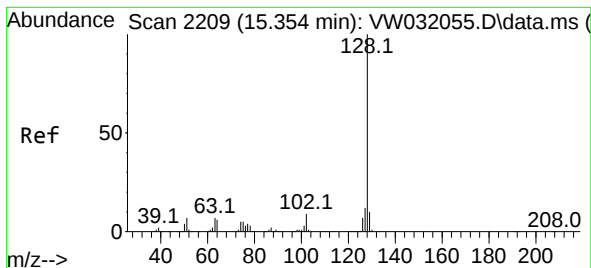
Ion Ratio Lower Upper

225 100

223 67.0 31.8 95.3

227 69.4 33.5 100.5





#95

Naphthalene

Concen: 18.719 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

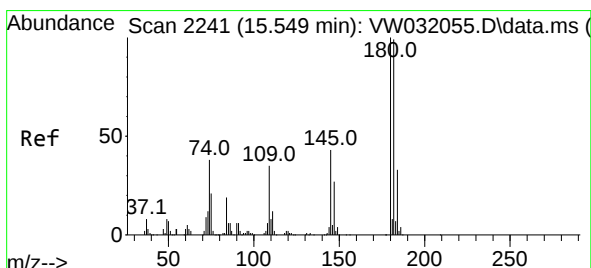
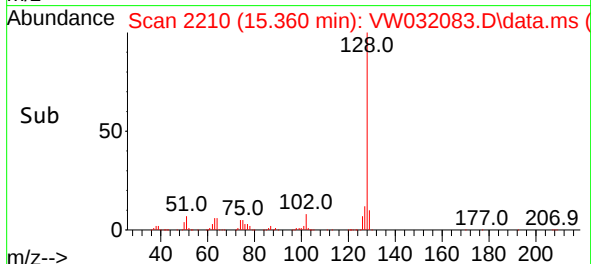
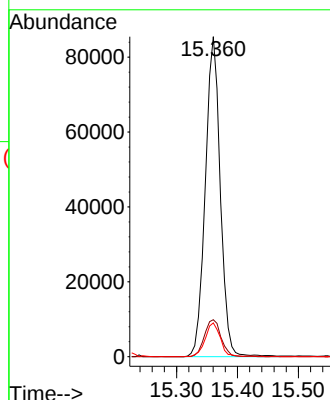
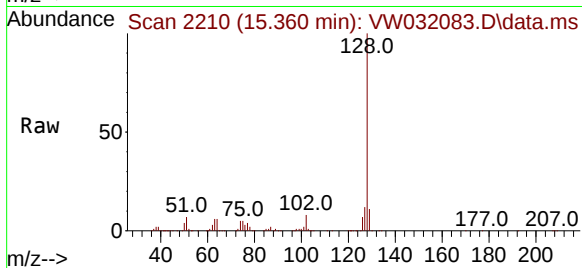
Tgt Ion:128 Resp: 146617

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 20.574 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032083.D

Acq: 14 Aug 2025 10:58

Tgt Ion:180 Resp: 59840

Ion Ratio Lower Upper

180 100

182 97.2 46.0 138.0

145 37.2 19.2 57.6

